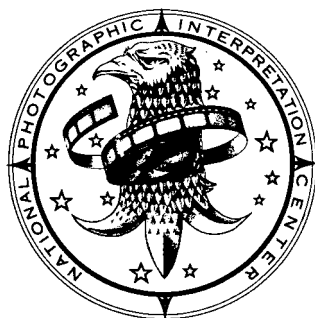


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1116

IPIR NUMBER 2

MISSION 1116-2 OAK

29 APRIL - 8 MAY 1972

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TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

- | | |
|--|---|
| 1. STRATEGIC SSM | 7. GROUND |
| Deployed Strategic SSM Facilities (A) | Ground Force Facilities (G) |
| 2. MISSILE RANGES | 8. TACTICAL SSM |
| Missile Ranges: Strategic SSM/Space Facilities (P) | Deployed Tactical SSM Facilities (H) |
| Missile Ranges: Air-Launched Missile Facilities (Q) | 9. LOGISTICS |
| Missile Ranges: Naval-Launched Missile Facilities (R) | Military Logistics Facilities (K) |
| Missile Ranges: Tactical SSM Facilities (S) | 10. NUCLEAR ENERGY |
| Missile Ranges: SAM/AMM Facilities (T) | Atomic Energy Facilities (O) |
| 3. AIR DEFENSE MISSILES | 11. CBR |
| Deployed AMM Facilities (B) | CBR Facilities (V) |
| Deployed SAM Facilities (D) | 12. INDUSTRY |
| 4. ELECTRONICS/COMMUNICATIONS | Strategic Weapons Industrial Facilities (J) |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR | Non-Military Industrial Facilities (N) |
| Air Base Facilities (E) | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL | 13. MISCELLANEOUS |
| Naval Base Facilities (F) | Non-Military Logistics Facilities (M) |
| | Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS OAK REPORT ON MISSION 1116-2 PROVIDES INFORMATION ON ALL A AND B
PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY. FOR ADDITIONAL
PREFACE DETAILS SEE OAK REPORT 1116-1.

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HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

MISSILE ACTIVITY

ICBM COMPLEXES

1. OF THE SIX SS-9 COMPLEXES, THE ALEYSK, KARTALY, AND UZHUR COMPLEXES WERE PARTLY OBSERVED ON PHOTOGRAPHY OF FAIR-TO-POOR INTERPRETABILITY. THE OTHER THREE SS-9 COMPLEXES WERE NOT OBSERVED. OF THE 25 DEPLOYED TYPE IIIF LAUNCH SITES, ONLY FOUR WERE OBSERVED, ALL AT UZHUR--CONSTRUCTION CONTINUED.

THE YOSHKAR-OLA SS-13 COMPLEX WAS COMPLETELY OBSERVED ON PHOTOGRAPHY OF FAIR INTERPRETABILITY.

NO NEW SILO CONSTRUCTION HAS BEEN OBSERVED THUS FAR. THE SEARCH CONTINUES.

2. ELEVEN OF THE 24 ICBM COMPLEXES WERE AT LEAST PARTIALLY OBSERVED ON PHOTOGRAPHY OF GOOD-TO-POOR INTERPRETABILITY. NO NEW SILO CONSTRUCTION WAS OBSERVED.

THE TEYKOVO AND KOSTROMA SS-11 COMPLEXES AND THEIR SEARCH AREAS AND PORTIONS OF THE GLADKAYA AND TATISHCHEVO SS-11 COMPLEXES AND SEARCH AREAS WERE OBSERVED.

THE SHADRINSK SS-7 COMPLEX AND SEARCH AREA WERE OBSERVED. THE YURYA SS-7 AND TYUMEN SS-8 COMPLEXES AND PORTIONS OF THEIR SEARCH AREAS WERE OBSERVED. NO SIGNS OF DEACTIVATION WERE NOTED AT ANY OF THE LAUNCH SITES AT THESE THREE COMPLEXES.

PORTIONS OF THE ITATKA AND NOVOSIBIRSK SS-7 AND THE OMSK SS-8 SEARCH AREA WERE OBSERVED.

MR/IRBM COMPLEXES

3. MOST OF THE PERVOMAYSK SSM COMPLEX WAS COVERED ON CLEAR PHOTOGRAPHY. ALL LAUNCH SITES EXCEPT FIVE TYPE IIIG LAUNCH SITES IN LAUNCH GROUP G WERE OBSERVED. ONLY PORTIONS OF THE DERAZHNYA SSM COMPLEX WERE OBSERVED THROUGH SCATTERED-TO-HEAVY CLOUDS. NO NEW SILO CONSTRUCTION WAS IDENTIFIED AT EITHER

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HIGHLIGHTS

COMPLEX.

25X1A

25X1D

25X1D

4. YELSK MRBM FIXED FIELD POSITION 2 (51-52-██ N 029-04-██ E, BE
████████████████████

A SECOND MRBM FIXED-FIELD SITE HAS BEEN IDENTIFIED AT THE
YELSK MRBM LAUNCH COMPLEX, APPROXIMATELY 1.2 NM NORTHWEST OF
YELSK MRBM FIXED FIELD SITE 1. THIS SECOND SITE WAS COMPLETE
WITH ALL FOUR LAUNCH POSITIONS IN ██████████, AND WAS NOT
PRESENT IN ██████████

25X1D

MISSILE TEST CENTERS

25X1D

25X1A

25X1D

25X1D

5. TYURATAM MISSILE TEST CENTER (45-56-██ N 063-28-██ E, BE
████████████████████

THE TYURATAM MISSILE TEST CENTER WAS PARTIALLY OBSERVED
THROUGH SCATTERED CLOUDS. LAUNCH COMPLEXES E AND J AND LAUNCH
GROUP N WERE COMPLETELY OBSERVED. LAUNCH COMPLEXES A, D, G,
AND U; LAUNCH GROUPS K, L, O, P, Q, R, AND S; AND THE SUPPORT
FACILITIES ALONG THE MAIN NORTH/SOUTH TEST CENTER ROAD WERE
PARTIALLY OBSERVED. LAUNCH COMPLEXES C AND H WERE CLOUD
COVERED. NO SIGNIFICANT ACTIVITY WAS OBSERVED.

25X1A

25X1D

25X1D

6. NENOKSA MISSILE TEST CENTER (64-38-██ N 039-11-██ E, BE
████████████████████

THE NENOKSA MISSILE TEST CENTER WAS COMPLETELY COVERED. NO
SIGNIFICANT ACTIVITY WAS OBSERVED.

25X1A

25X1D

7. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER (48-41-██ N
045-58-██ E, ██████████

25X1D

THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER WAS
COMPLETELY COVERED. CONSTRUCTION CONTINUED ON LAUNCH AREA 7C.

25X1D

25X1D

25X1A

8. PLESETSK MISSILE AND SPACE CENTER (62-57-██ N 040-23-██ E, BE
████████████████████

THE PLESETSK MISSILE AND SPACE CENTER WAS COMPLETELY
OBSERVED. NO NEW ACTIVITY WAS OBSERVED AT LAUNCH SITES 16 AND
21. THE NEW ASSEMBLY BUILDING AT LAUNCH SITE 1 IS NOW
EXTERNALLY COMPLETE. AT THE RANGEHEAD TRACKING FACILITY (BOW
AND ARROW), A LONG LINEAR GROUND SCAR EXTENDING OUTWARD FROM
THE MAIN ANTENNA AREA WAS OBSERVED FOR THE FIRST TIME ON ██████████

25X1D

25X1C

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HIGHLIGHTS

TWO NEW LARGE BUILDING FOUNDATIONS WERE OBSERVED ON THE WEST SIDE OF LAUNCH SITE 8, WHICH APPEARED TO BE DEACTIVATED. THESE TWO BUILDING FOUNDATIONS ARE RELATED TO THE AREA OF UNIDENTIFIED CONSTRUCTION ON THE NORTHWESTERN SIDE OF THE LAUNCH SITE.

ABM ACTIVITY

9. ONLY TWO OF MOSCOW'S FOUR OPERATIONAL ABM LAUNCH COMPLEXES WERE COVERED BY INTERPRETABLE PHOTOGRAPHY. TWELVE GALOSH MISSILE CANISTERS WERE AT MOSCOW ABM LAUNCH COMPLEX E05. NO SIGNIFICANT CHANGES TO THE FACILITY WERE OBSERVED. NO GALOSH MISSILE CANISTERS OR SIGNIFICANT CHANGES WERE OBSERVED AT MOSCOW ABM LAUNCH COMPLEX E33, WHICH WAS COVERED ON PHOTOGRAPHY OF POOR INTERPRETABILITY.

OF THE THREE COMPLEXES WHERE RENEWED CONSTRUCTION ACTIVITY HAS BEEN IDENTIFIED, ONLY E03 AND E15 WERE COVERED AND NO SIGNIFICANT CHANGES WERE OBSERVED. COMPLEX E21, WHERE DISH ANTENNAS ARE CURRENTLY UNDER CONSTRUCTION, WAS NOT COVERED.

AIR ACTIVITY

25X1A 10. RAMENSKOYE FLIGHT TEST CENTER (55-33-███N 038-07-███E, BE
████████████████████

25X1D

25X1D

25X1A AKHTUBINSK FLIGHT TEST CENTER (48-17-███N 046-11-███E, BE
████████████████████

25X1D

25X1D

25X1A KAZAN AIRFRAME PLANT GORBUNOV 22 (55-51-███N 049-06-███E, BE
████████████████████

25X1D

25X1D

25X1D A RAM-H DELTA-WING BOMBER, FIRST IDENTIFIED IN THE MYASISHCHEV AREA AT RAMENSKOYE FLIGHT TEST CENTER ON ██████████
██████████ WAS SEEN FOR THE SECOND TIME PARKED IN
APPROXIMATELY THE SAME POSITION ON ██████████ THE BOMBER WAS NOT
PRESENT ON THREE INTERVENING COVERAGES SINCE ██████████

25X1D

25X1D

25X1D

25X1D THREE BACKFIRE AND TWO PROBABLE BACKFIRE WERE OBSERVED AT RAMENSKOYE FLIGHT TEST CENTER ON ██████████, AND ONE BACKFIRE AND ONE PROBABLE BACKFIRE WERE SEEN AT AKHTUBINSK FLIGHT TEST CENTER ON ██████████

25X1D

25X1D THREE BACKFIRE AND 23 BLINDER WERE OBSERVED AT PLANT 22 ON ██████████
THIS IS THE HIGHEST COUNT OF BLINDER OBSERVED AT THE

25X1C

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HIGHLIGHTS

25X1D

PLANT SINCE [REDACTED] WHEN 23 BLINDER AND TWO POSSIBLE
BLINDER WERE IDENTIFIED AT THE PLANT.

NAVAL ACTIVITY

11. SUBMARINE ACTIVITY

25X1D

25X1D

[REDACTED] LAUNCH RAIL D AT SEVERODVINSK SHIPYARD 402
WAS OCCUPIED BY A LARGE SUBMARINE, PROBABLY AN E-II SSGN. AN
E-II WAS OBSERVED IN THE LAUNCH BASIN FROM [REDACTED]

25X1D

IT WAS NOT PRESENT IN

25X1D

25X1D

ALSO AT SEVERODVINSK, THE 402N SSBN, TWO Y SSBN, AND THE P
SSGN WERE OBSERVED AT THE FITTING-OUT QUAY ON [REDACTED] THE
Y SSBN IN OVERHAUL REMAINED AT THE NUCLEAR SUBMARINE SPECIAL
SUPPORT FACILITY.

25X1D

AT KOMSOMOLSK SHIPYARD 199, THE ARD (T) NUMBER 1 LAUNCHING
DOCK WAS POSITIONED TO LAUNCH A SUBMARINE FROM THE NUMBER 1 WAY
OF THE FOUR-BAY CONSTRUCTION HALL ON [REDACTED] THE SHIPYARD WAS
CLOUD COVERED ON [REDACTED]

25X1D

25X1D

ALL NORTHERN FLEET SUBMARINE BASES WERE OBSERVED. Y-CLASS
SUBMARINES IN THE NORTHERN FLEET SEEN ON [REDACTED] WERE AS FOLLOWS
-- 12 AT SAYDA GUBA SUBMARINE BASE (SIX LIGHT-TONED SONAR) AND
ONE AT PALA GUBA NAVAL BASE AND SHIP REPAIR YARD (LIGHT-TONED
SONAR). THE H-III SUBMARINE WAS AT OLENYA GUBA ON [REDACTED]

25X1D

25X1D

Y-CLASS SUBMARINES IN THE PACIFIC FLEET WERE AS FOLLOWS --
FOUR AT PETROPAVLOVSK SUBMARINE BASE TARYA BAY ON [REDACTED] ONE AT
PETROVKA NAVAL BASE AND SHIP REPAIR YARD ON [REDACTED] AND ONE AT
STRELOK STRAIT SUBMARINE BASE PAVLOVSKOGO BAY ON [REDACTED]

25X1D

25X1D

25X1D

CHINA

MISSILE ACTIVITY

25X1D

25X1D 25X1A

25X1A

12. HUANG-SHIH SAM SITE (30-17-[REDACTED]N 115-08-[REDACTED]E, [REDACTED])

25X1D

25X1D

A CSA-1 (SAM) SITE WAS NEWLY IDENTIFIED 5.2 NM NORTHEAST OF
HUANG-SHIH AND 47 NM SOUTHEAST OF WU-HAN ON PHOTOGRAPHY OF [REDACTED]
[REDACTED] THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS IN A

HANDLE WITH CARE
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HIGHLIGHTS

25X1D

SSM ACTIVITY

OF THE SSM-RELATED FACILITIES IN CHINA, ONLY SHUANG-CHENG-TZU MISSILE TRACKING FACILITIES 17 AND 21 AND WU-CHAI TRACKING FACILITY 7 WERE COVERED--ALL ON PHOTOGRAPHY OF POOR INTERPRETABILITY.

THE ENTIRE CHIN-HSI SSE R + D COMPLEX WAS COVERED BY CLEAR PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO SIGNIFICANT CHANGES WERE OBSERVED.

25X1A

25X1D

25X2 16.

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HIGHLIGHTS

25X2

25X1D

EIGHT SHANGHAI PGM, SIX PROBABLE WHAMPOA PGM, AND FOUR LCM 25X1D
WERE IDENTIFIED ON PHOTOGRAPHY OF [REDACTED]. THIS IS THE LARGEST
NUMBER OF COMBATANTS EVER OBSERVED AT THIS FACILITY WHICH IS IN
THE NORTHERN PORTION OF THE TONKIN GULF. THE HIGHEST NUMBER OF
COMBATANTS PREVIOUSLY OBSERVED WAS FOUR IN [REDACTED]

25X1D

18. WARSZAWA RADCOM XMTR STA/BUNKERED WIAZOWNA (52-09-[REDACTED]N
021-18-[REDACTED]E, [REDACTED]

A PROBABLE COMMAND AND CONTROL FACILITY WAS IDENTIFIED FOR THE FIRST TIME IN POLAND AT WARSZAWA RADCOM STATION/BUNKERED WIAZOWNA, 12 NM SOUTHEAST OF WARSAW. THE NEW FACILITY, WHICH WAS UNDER CONSTRUCTION, CONTAINED A SECURED PROBABLE COMMAND

25X1C

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HIGHLIGHTS

25X1D

25X1D AND CONTROL BUNKER, TEN PROBABLE HORIZONTAL DIPOLES, AND TEN PROBABLE QUADRANTS UNDER CONSTRUCTION. THE FACILITY IS SIMILAR TO COMMAND AND CONTROL FACILITIES IN THE USSR. [REDACTED]

NORTH VIETNAM

MILITARY ACTIVITY

25X1D

19. A PRELIMINARY SCAN OF COVERAGE OVER NORTH VIETNAM REVEALED NO UNUSUAL MILITARY ACTIVITY ON PHOTOGRAPHY OF POOR-TO-FAIR INTERPRETABILITY. [REDACTED] PROVIDED COVERAGE OF THE CENTRAL PORTION OF NORTH VIETNAM FROM THE CHINA BORDER TO THE NORTHERN EDGE OF THE PANHANDLE (19TH PARALLEL). APPROXIMATELY 50 PERCENT OF THE AREA WAS COVERED WITH SCATTERED-TO-HEAVY CLOUDS. THE HAIPHONG AREA AND THE CHINA/NORTH VIETNAM BORDER CROSSING AT DONG DANG WERE NOT COVERED. THE HANOI AREA WAS COVERED WITH SCATTERED CLOUDS.

25X1D

EGYPT

25X1D

25X1A AIR ACTIVITY

25X1D

25X1D 25X1A

20. KABRIT AIRFIELD (30-14-[REDACTED] N 032-29-[REDACTED] E, [REDACTED])

25X1D

PHOTOGRAPHY OF [REDACTED] REVEALED THAT THE NW/SE RUNWAY, TAXIWAY, AND CROSSOVER LINKS AT KABRIT AIRFIELD HAD BEEN RESURFACED. [REDACTED]

MILITARY ACTIVITY

25X6

IRAN

25X1C

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HIGHLIGHTS

25X1A AIR ACTIVITY

25X1D 25X1D25X1A

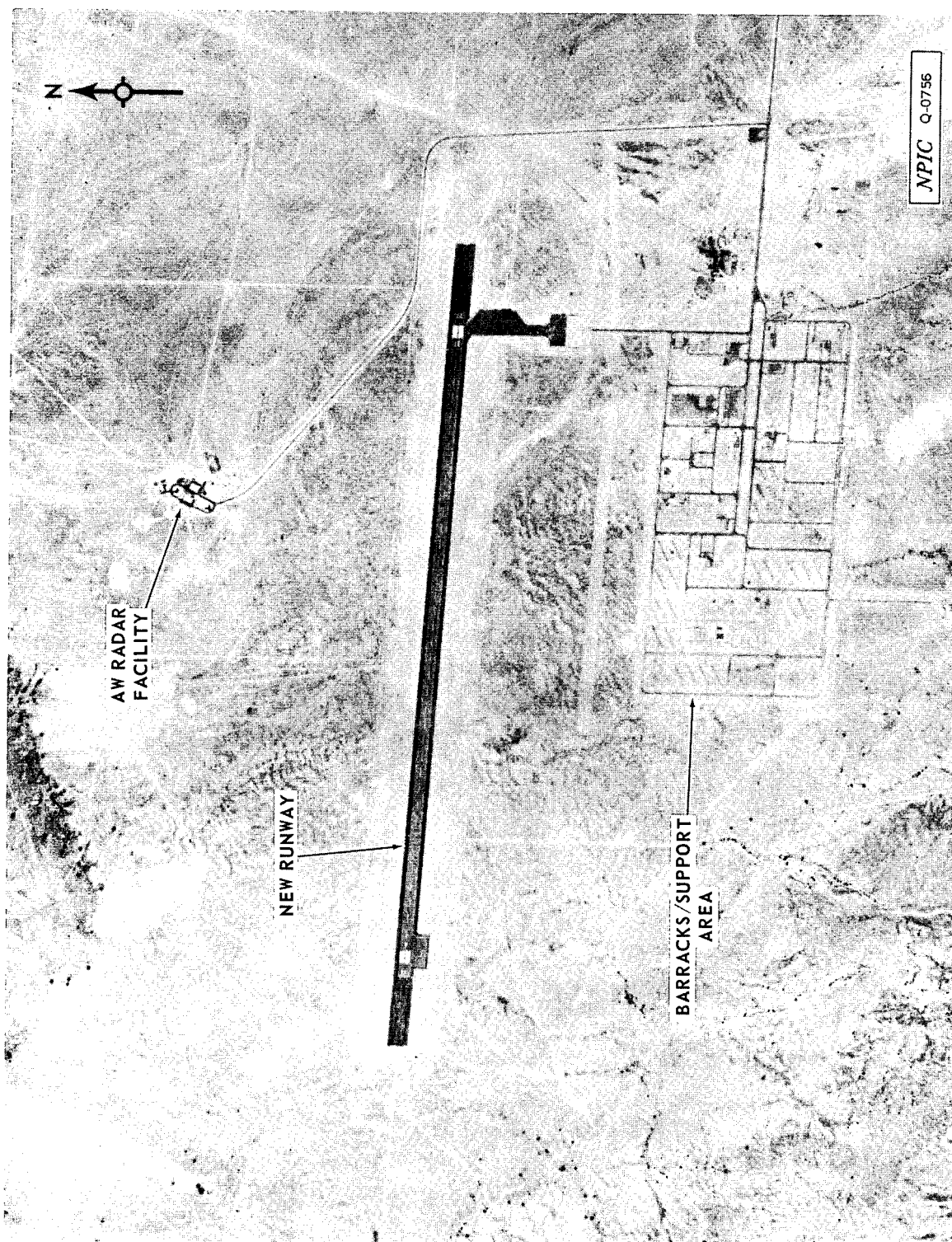
25X1D 22. QEYS AIRFIELD (26-31- N 053-29- E,)

25X1D SERVICEABLE BLACKTOP RUNWAY WAS NEWLY IDENTIFIED ON EAST/WEST 25X1D
AT
QEYS AIRFIELD ON KISH ISLAND IN THE PERSIAN GULF. A LARGE 25X1D
BARRACKS AND SUPPORT AREA IS LOCATED JUST SOUTH OF THE
AIRFIELD. A NEW AW RADAR SITE CONTAINING TWO ENVIRONMENTAL 25X1D
DOMES AND TWO TROPOSCATTER SCREENS HAD BEEN CONSTRUCTED JUST
NORTH OF THE AIRFIELD. THIS SITE IS VERY SIMILAR TO RECENTLY 25X1D
25X1A IDENTIFIED AW RADAR SITES AT BANDAR ABBAS (27-10- N
051-11- E,) AND JASK (25-39- N 057-45- E, BE 25X1D
25X1A PHOTO REF:) 25X1D

(SEE ATTACHMENT)

25X1D

Attachments



25X1A

QEYS AIRFIELD, IRAN

25X1C

TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13		OTHER	TOTALS*	LAUNCH GROUPS		LAUNCHERS		
	TYPE IIA, B & D & IIIA	TYPE IIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF	UNDET TYPE		IDENTIFIED	NEW THIS MISSION	DROPPED THIS MISSION	INCLUDED IN TOTAL	
	SITES	LAUNCHERS	LAUNCHERS										
ALEYSK ★			30					30	5	5			
DOMBAROVSKIY			60			5		65	10	10			
DROVYANAYA	6	15		50				65	5	5			
GLADKAYA ★	3	7		60				67	6	6			
IMENI GASTELLO			48			5		53	8	8			
ITATKA	3	6						6					
KARTALY ★			42			5		47	7	7			
KOSTROMA ★	7	15		90				105	9	9			
KOZELSK		5	12	110				122	11	11			
NOVOSIBIRSK	5	12						12					
OLOVYANNAYA	3	9		90				99	9	9			
OMSK		1	3					3					
PERM	6	13		80				93	8	8			
SHADRINSK ★	3	9						9					
SVOBODNYI	8	17		60				77	6	6			
TATISHCHEVO ★				120				120	12	12			
TEYKOVO ★	6	12		80				92	8	8			
TYUMEN ★		2	4					4					
UZHUR ★			60			5		65	10	10			
VERKHNYAYA SALDA	9	20						20					
YEDROVO	8	18		110				128	11	11			
YOSHKAR OLA ★	6	12			60			72	6	6			
YURYA ★	11	25						25					
ZHANGIZ-TOBE			48			5		53	8	8			
TOTALS	84	190	8	19	288	850	60	25	1432	139	139		

TYURATAM MTC ★	TOTAL LAUNCHERS INCLUDES SSM, R&D, AND SPACE LAUNCH POSITIONS	78			
PLESETSK MSC ★	TOTAL LAUNCHERS INCLUDES SSM, R&D, AND SPACE LAUNCH POSITIONS	34			

*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IIID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.

★COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION.

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29 APRIL - 8 MAY 1972

Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	100	10*	17	10	137	538**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	2	6	22
FAR EASTERN						
TOTALS	105	11	20	15	151	589**

Totals do not include 93 fixed field-type sites with total of 345 launch positions

*One has only 2 pads

**Totals do not include the 124 inactive launch positions at Aktyubinsk, Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya, Suchan, Kremovo, Kivertsy (1 site), Novosysoyevka, Ugolnyy, Zhitomir (1 site), and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
★ DERAZHNYA	60	6	6		
★ PERVOMAYSK	60	6	6		
Totals*	120	12	12		

*Totals do not include training sites

★Complexes at least partially covered on this mission

Table 4. TYPE IIIG LAUNCH SITES AT MR/IRBM COMPLEXES**

COMPLEX	SITES	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
★ DERAZHNYA	33	3			
★ PERVOMAYSK	33	3			
Totals	66	6			

★Complexes at least partially covered on this mission

**One site in each group has the dimensions and characteristics of a type IIIF launch site.

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CHINA, COMMUNIST
MISSILE RANGES

25X1D

SIGNIFICANT RESULTS

SHUANG-CHENG-TZU AIRFIELD

25X1D 25X1D
25X1A 40-23- N 099-47- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

6 SMALL SWEPT-WING 1 LIGHT STRAIGHT-WING
10 PROB SMALL SWEPT-WING 2 PROB HOUND
2 COLT

25X1D

25X1D SHUANG-CHENG-TZU MISSILE TEST CENTER

25X1D 25X1D
25X1A 41-08- N 100-15- E

STATUS: OPERATIONAL

REMARKS:

25X1D

ONLY TRACKING FACILITIES 17 AND 21 WERE COVERED. NO ACTIVITY
WAS OBSERVED.

25X1D YA-ERH-TANG IMPACT SEARCH

25X1A 40-55-//N 088-52-//E

STATUS: UNKNOWN

REMARKS:

APPROXIMATELY 40 PERCENT OF THE SEARCH AREA WAS COVERED. NO
MISSILE IMPACT AREAS OR MISSILE-RELATED ACTIVITY WAS OBSERVED.

25X1D

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D SIGNIFICANT RESULTS

HUANG-SHIH SAM SITE A02A-1

25X1A

25X1D

25X1D

30-17- N 115-08- E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

5.2 NM NE OF HUANG-SHIH AND 47 NM SE OF WU-HAN.
THE NEWLY IDENTIFIED CSA-1 (SAM) SITE CONSISTS OF SIX REVETTED
LAUNCH POSITIONS IN A CHEVRON PATTERN. TWO OF THE LAUNCH
POSITIONS WERE PROBABLY OCCUPIED. THE CENTRAL GUIDANCE AREA
WAS UNOCCUPIED. TWO SUPPORT AREAS, ONE ON EACH SIDE OF THE
LAUNCH AREA, CONTAIN A TOTAL OF AT LEAST 16 BUILDINGS.

25X1A

HUANG-SHIH SAM SITE A02-1 APPROXIMATELY 1 NM
WSW, WAS OCCUPIED.

25X1D

NO ACTIVITY WAS OBSERVED ON

TGT DIAM: 1,372 M (4,500 FT). ELEV: 50 M (165 FT).

25X1D

MISSILE ORDER OF BATTLE:

2 PROB LAUNCHERS

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:
200-0493-11

25X1D

HUANG-SHIH SAM SITE A02-1

25X1A

25X1D

25X1D

30-16- N 115-08- E

25X1D

STATUS:OCCUPIED

25X1D

25X1A

25X1D

25X1D

REMARKS:

THE NUMEROUS PIECES OF CSA-1 EQUIPMENT PREVIOUSLY
IN THE ADJACENT SUPPORT AREA WERE NOT PRESENT. A CSA-1
SAM SITE, HUANG-SHIH SAM SITE A02A-1 AT
30-17- N 115-08- E, WAS NEWLY IDENTIFIED APPROXIMATELY 1 NM
ENE OF THIS SITE.

25X1D

25X1C

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CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D

MISSILE ORDER OF BATTLE:

4 PROB LAUNCHERS

1 PROB GUIDANCE RADAR

4 PROB MISSILE TRANSPORTERS
(CANVAS COVERED)

25X1D

25X1C

HANDLE VIA
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TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

CHINA, COMMUNIST
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CHIA-HSING AIRFIELD

25X1A 25X1D 25X1D
30-42- N 120-40- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

30 SMALL SWEEP-WING 1 COLT
26 SMALL STRAIGHT-WING

25X1D

25X1D FU-HSIEN AIRFIELD

25X1A 25X1D 25X1D
39-39- N 121-46- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:
-- ON MAINTENANCE APRON
1 POSS SINO-A

25X1D -- IN PARKING REVETMENTS
5 POSS SINO-A 31 SMALL SWEEP-WING
19 PROB FARMER/SINO-A 8 PROB AIRCRAFT
1 PROB COLT

25X1D ASSOCIATED OBJECTS:
-- IN PARKING REVETMENTS
12 VEHICLES/PIECES OF EQUIP

25X1D

25X1D LEI-PEI AIRFIELD

25X1A 25X1D 25X1D
21-23- N 110-11- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

4 SMALL SWEEP-WING 23 PROB AIRCRAFT

25X1D

25X1C
HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D OTHER RESULTS-NO APPARENT CHANGE

WEN-SHUI AIRFIELD 25X1A 25X1D 25X1D
37-24-N 111-57-E

STATUS: UNDER CONSTRUCTION

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HANDLE VIA
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Talent-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

CHINA, COMMUNIST
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1A

25X1D

25X1D

HSIAO-PING-TAO SUBMARINE BASE

38-49- N 121-29- E

STATUS: OPERATIONAL

REMARKS:

THE HAN SSU WAS MOORED AT HER USUAL BERTH. THE CHUNGHUA ASR
WAS BERTHED AT THE NORTH PIER.

THIS IS THE FIRST TIME THE CHUNGHUA ASR HAS BEEN OBSERVED AT
THIS FACILITY.

25X1D

NAVAL ORDER OF BATTLE:

1 HAN SSU

1 CHUNGHUA ASR

2 W/R SS

2 POSS WORK BARGES

4 POSS PGM (ON REPAIRWAYS)

1 POSS FLOATING CRANE

25X1D

25X1D HU-LU-TAO NVL BASE SHYD + PORT FAC

25X1A

25X1D

25X1D

40-42- N 120-59- E

STATUS: OPERATIONAL

REMARKS:

A BARGE WAS ON THE LAUNCH PLATFORM, BUT NOT CENTERED ON IT. IT
WAS POSITIONED ON THE END OF THE PLATFORM AWAY FROM THE
CONSTRUCTION HALL, LEAVING APPROXIMATELY

OF PLATFORM UNOCCUPIED. THE LAUNCH BASIN WAS NOT FLOODED. THE
OUTER HULL FOR THE SMALL-DIAMETER SUBMARINE MAY HAVE BEEN
REPOSITIONED ON OR REMOVED FROM THE TRANSVERSER, POSSIBLY
LEAVING BAY 2 OF THE CONSTRUCTION HALL UNOBSTRUCTED. SEVERAL
UNIDENTIFIED OBJECTS WERE ON THE NORTH EDGE OF THE TRANSVERSER.

THE PROBABLE JIGS AND OUTER HULL FOR THE LARGE-DIAMETER
SUBMARINE MAY BE IN THE SAME POSITION AS ON
THE TWO SUPPORT PLATFORMS ASSOCIATED WITH THE HAN SSU WERE
BERTHED AT QUAY 5 IN ABOUT THE SAME POSITION AS WHEN THE HAN
SSU WAS BERTHED OUTBOARD OF THEM ON THE
CYLINDRICAL TANK ASSOCIATED WITH THE HAN WAS STILL IN THE SAME
POSITION ON QUAY 5.

CONSTRUCTION WAS CONTINUING AT THE UNIDENTIFIED FACILITY NORTH
OF THE YARD. A SMALL APPENDAGE WAS UNDER CONSTRUCTION ON THE

25X1C

HANDLE VIA
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Talent-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

CHINA, COMMUNIST
NAVAL BASE FACILITIES

NW SIDE OF THE FABRICATION BUILDING. 25X1D

THE RIGA DEGS WAS STILL BERTHED AT THE SOUTH PIER, BUT NOT IN
THE SAME POSITION AS ON [REDACTED]. THE YENHSI AG AND
AN ASSOCIATED T-43 MSF WERE BERTHED NEAR THE RIGA.

25X1D

NAVAL ORDER OF BATTLE:

1 RIGA DEGS	1 YENHSI AG
4 POSS P-6-TYPE HULLS (1 ON BUILDINGWAY)	1 POSS LCM
2 POSS SHANGHAI PGM	2 YAGT BARGES
3 POSS PGM	2 SUPPORT PLATFORMS
1 T-43 MSF	3 SMALL CRAFT
	3 SMALL BARGES

25X1D

25X1A

25X1D

25X1D

25X1D PEI-HAI NAVAL FACILITY

21-28- [REDACTED] N 109-05- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:

RECLAIMING AND BACKFILLING WAS CONTINUING.

THIS IS THE LARGEST NUMBER OF COMBATANTS EVER OBSERVED AT THIS FACILITY.

25X1D

NAVAL ORDER OF BATTLE:

8 SHANGHAI PGM	4 LCM
6 PROB WHAMPOA PGM	

25X1D

Next 1 Page(s) In Document Exempt

HANDLE VIA 25X1C
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KH-4 MISSION 1116-2

CHINA, COMMUNIST
INDUSTRY

25X1D SIGNIFICANT RESULTS

LU-TA SHIPYARD DAIREN

25X1A

25X1D

25X1D

38-55- N 121-38- E

STATUS: OPERATIONAL

REMARKS:

25X1D

THREE LUTA DDGS WERE OBSERVED. UNIT 1 WAS BERTHED AT THE GENERAL CARGO QUAY, UNIT 2 WAS AT THE FITTING-OUT MOLE, AND UNIT 3 WAS STILL ON BUILDINGWAY 1.

FOUR SHANGHAI PGM WERE IN A LATE STAGE OF CONSTRUCTION ON BUILDINGWAY 2. NO OTHER CONSTRUCTION COULD BE DISCERNED ON BUILDINGWAY 2. A LARGE MERCHANT VESSEL WAS IN AN EARLY STAGE OF CONSTRUCTION ON BUILDINGWAY 3. A GORDYY DDGS WAS IN GRAVING DOCK 1. SIX SMALL CRAFT WERE IN GRAVING DOCK 2. TWO SHANGHAI PGM AND THE RECENTLY LAUNCHED LONG COASTAL FREIGHTER WERE FITTING-OUT AT THE FITTING-OUT MOLE.

BOTH LARGE HATCH MERCHANT VESSELS WERE OBSERVED. UNIT 1 WAS AT THE FITTING-OUT MOLE, AND UNIT 2 WAS MOORED ACROSS THE ENTRANCE OF THE BUILDINGWAYS. UNIT 1 HAD CANVAS OVER THE HATCHES INDICATING THAT IT MAY SOON DEPART THE SHIPYARD.

NAVAL ORDER OF BATTLE:

3 LUTA DDGS	1 COASTAL FREIGHTER
1 GORDYY DDGS	4 POL BARGES
6 SHANGHAI PGM (4 ON BUILDINGWAY, 2 FITTING-OUT)	1 OIL DRILLING PLATFORM
1 MERCHANT VESSEL (UCON)	38 SMALL CRAFT
2 CARGO VESSELS (LARGE HATCH)	

HANDLE VIA 25X1C
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KH-4 MISSION 1116-2

UNITED ARAB REPUBLIC
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

AL FAYYUM AIRFIELD

25X1A

25X1D

25X1D

29-33- N 030-54- E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

2 HIP C

25X1D

AL MANSURAH AIRFIELD

25X1A

25X1D

25X1D

30-58- N 031-25- E

25X1D

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

6 POSS AIRCRAFT (AT LEAST)

25X1D

AL RAHMANIYAH AIRFIELD

25X1A

25X1D

25X1D

31-02- N 030-40- E

25X1D

STATUS: OPERATIONAL

REMARKS:

THE NNW/SSE RUNWAY WAS BEING RESURFACED.

25X1D

AIR ORDER OF BATTLE:

2 PROB FITTER

2 PROB SWEEP-WING

25X1D

AS SALIHIYAH AIRFIELD

25X1A

25X1D

25X1D

30-47- N 032-02- E

25X1D

STATUS: OPERATIONAL

25X1C
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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D NONE DISCERNIBLE

25X1D 25X1D 25X1D
BIR JIFJAFAH AIRFIELD 25X1A 30-24- N 033-09- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

2 SMALL SWEEP/DELTA-WING
(POSSIBLY DUMMY)

3 SMALL STRAIGHT-WING
2 POSS HELICOPTERS

25X1D 25X1D 25X1D
BIRMA AIRFIELD 25X1A 30-50- N 030-56- E

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE HANGARETTE SE OF THE CENTER OF
THE RUNWAY.

25X1D AIR ORDER OF BATTLE:
7 POSS AIRCRAFT

25X1D 25X1D 25X1D
CAIRO AIRFIELD WEST 25X1A 30-06- N 030-55- E

STATUS: OPERATIONAL

REMARKS:

RESURFACING CONTINUED ON THE ESE/WWN RUNWAY.

25X1D AIR ORDER OF BATTLE:
3 BADGER
5 BEAGLE

1 FISHBED
1 CUB

HANDLE VIA 25X1C
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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D ASSOCIATED OBJECTS:

1 DERELICT BADGER

25X1D

DUKHAYLAH AIRFIELD

25X1A

25X1D

25X1D

31-07- N 029-48- E

25X1D

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

5 PROB HELICOPTERS
10 POSS HELICOPTERS (AT
LEAST)

25X1D

ASSOCIATED OBJECTS:

10 POSS HELICOPTER CRATES
(AT LEAST)

25X1D

GEBEL EL BASUR AIRFIELD

25X1A

25X1D

25X1D

30-32- N 030-34- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CAMOUFLAGING CONTINUED ON THE N/S RUNWAY.

25X1D

AIR ORDER OF BATTLE:

5 PROB AIRCRAFT

25X1D

INSHAS AIRFIELD

25X1A

25X1D

25X1D

30-19- N 031-27- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CLOUD-COVER PRECLUDED A COMPLETE READOUT OF THE AIRFIELD.

HANDLE VIA 25X1C
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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

1 PROB SWEPT/DELTA-WING

25X1D

25X1D

25X1D

25X1D JIYANKLIS AIRFIELD NEW

25X1A 30-49- N 030-11- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

1 POSS BADGER

1 PROB COKE

9 PROB SWEPT/DELTA-WING

25X1D

25X1D

25X1D

QUWAYSINA AIRFIELD

25X1A 30-34- N 031-07- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CLOUD-COVER PRECLUDED A COMPLETE READOUT.

25X1D AIR ORDER OF BATTLE:

2 PROB HELICOPTERS

25X1D

25X1D

25X1D

SAIYAH EL SHIRIF AIRFIELD

25X1A 31-20- N 030-58- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE AMMUNITION STORAGE FACILITY AND
THE HARDENED SUPPORT FACILITY.

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1C

HANDLE VIA
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KH-4 MISSION 1116-2

UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D

25X1D WADI ABU RISH AIRFIELD

25X1D 25X1D
25X1A28-58- N 031-42- E

STATUS: OPERATIONAL

REMARKS:
CONSTRUCTION CONTINUED ON THE HANGARETTES.

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

WADI AL JANDALI AIRFIELD

25X1D 25X1D
25X1A30-03- N 031-50- E

25X1D STATUS: OPERATIONAL

REMARKS:
ONLY THE HANGARETTES LOCATED AT THE SSW END OF THE AIRFIELD
WERE OBSERVED.

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

OTHER RESULTS-NO APPARENT CHANGE

KASFAREET AIRFIELD

25X1D 25X1D
25X1A30-14- N 032-24- E

25X1D

STATUS: NOT OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1C

HANDLE VIA
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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1A

HANDLE VIA 25X1C
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KH-4 MISSION 1116-2

UNITED ARAB REPUBLIC
NAVAL BASE FACILITIES

25X1D SIGNIFICANT RESULTS

AL ISKANDARIYAH NVB + HQ NATIONAL 25X1A 25X1D 25X1D
31-12-71 N 029-54-15 E

STATUS: OPERATIONAL

REMARKS:
CONSTRUCTION CONTINUED ON THE NEW QUAY.

25X1D NAVAL ORDER OF BATTLE:
-- AT NAVAL BASE
1 SKORYY DD
2 POSS SO-1 PCS

5 PROB P-6 PT
9 SMALL CRAFT

25X1D -- IN INNER HARBOR

4 SS
1 PROB SS (IN DRYDOCK AT
COALING QUAY)

2 PROB OSA PTFG
1 PROB COMBATANT (IN
DRYDOCK)

25X1D -- AT ARSENAL BASIN

1 PROB SS (ALONGSIDE
FLOATING DRYDOCK)
1 PROB OSA PTFG
2 SMALL COMBATANTS
1 SMALL COMBATANT (ON
REPAIRWAYS)

1 PROB YURKA MSF
6 VYDRA LCU
1 AL HURRIYA
1 PROB SEKSTAN ADG
1 INTISAR AG

25X1D -- AT AL QABBARI SHIPYARD

1 PROB EL QUSEIR
1 PROB SS (IN GRAVING DOCK)
4 SS

2 PROB OSA PTFG
1 COMBATANT (IN GRAVING
DOCK)

25X1D -- IN OUTER HARBOR

3 SKORYY DD (TWO UNDERWAY)
1 PROB BLACK SWAN PF
1 PROB RIVER CLASS PF
1 SMALL COMBATANT (IN
FLOATING DRYDOCK)

1 AMUR AR
1 MUNA AKL

25X1D

25X1C
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UNITED ARAB REPUBLIC
NAVAL BASE FACILITIES

25X1D

25X1A 25X1D 25X1D
AL ISKANDARIYAH PORT FACILITIES 31-11- N 029-52- E

25X1D

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

40 FREIGHTERS

3 PROB TANKERS

25X1D

BUR SAID NAVAL BASE

25X1A

25X1D 25X1D
31-15- N 032-18- E

25X1D

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

1 SKORYY DD

3 SMALL COMBATANT

1 OSA PTFG

1 POLNOCNY LSM

1 POSS OSA PTFG

25X1D

HANDLE VIA 25X1C
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KH-4 MISSION 1116-2

UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

AL QAHIRAH BKS A ARMY SPLY DPO HULWAN

25X1A

25X1D

25X1D

29-52- N 031-18- E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

AL QAHIRAH ORDNANCE STORAGE AREA

25X1A

25X1D

25X1D

30-07- N 031-28- E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

AT TALL AL KABIR BARRACKS

25X1A

25X1D

25X1D

30-33- N 031-43- E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

BIR JIFJAFAH MILITARY CAMP NW

25X1A

25X1D

25X1D

30-26- N 033-03- E

STATUS:OCCUPIED

HANDLE VIA 25X1C
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UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

25X1D REMARKS: 25X1D
FIFTEEN POSSIBLE BUILDINGS HAVE BEEN CONSTRUCTED SINCE

25X1D GROUND FORCE ORDER OF BATTLE:
30 POSS PIECES OF ARMOR

25X1D

25X1D 25X1D

SUEZ CANAL SPECIAL AREA 0704

31-06- N 032-15- E

25X1D

25X1A

STATUS:OCCUPIED

25X6

25X6 REMARKS:
NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED

25X1D GROUND FORCE ORDER OF BATTLE:
-- ON EGYPTIAN SIDE
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1A

25X1D

25X1D

SUEZ CANAL SPECIAL AREA 0708

30-54- N 032-15- E

25X1D

STATUS:OCCUPIED

25X6

25X6 REMARKS:
NO SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED

25X1D GROUND FORCE ORDER OF BATTLE:
-- ON EGYPTIAN SIDE
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1C

HANDLE VIA
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UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

25X1D

SUEZ CANAL SPECIAL AREA 0712

25X1A

25X1D

25X1D

30-42- N 032-15- E

STATUS:OCCUPIED

REMARKS:

25X6

25X6

NO SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED

25X1D

GROUND FORCE ORDER OF BATTLE:
-- ON EGYPTIAN SIDE
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

SUEZ CANAL SPECIAL AREA 0716

25X1A

25X1D

25X1D

30-30- N 032-15- E

25X1D

STATUS:OCCUPIED

REMARKS:

25X6

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED

25X6

25X1D

GROUND FORCE ORDER OF BATTLE:
-- ON EGYPTIAN SIDE
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

SUEZ CANAL SPECIAL AREA 1204

25X1A

25X1D

25X1D

30-18- N 032-15- E

25X1D

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS DISCERNIBLE.

25X1D

GROUND FORCE ORDER OF BATTLE:
-- ON EGYPTIAN SIDE
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A0004300010001-0
HANDLE VIA
Talent-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

25X1D

25X1D

SUEZ CANAL SPECIAL AREA 1301

25X1A

25X1D

25X1D

30-18- N 032-33- E

STATUS:OCCUPIED

25X6

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED

25X6

25X1D

GROUND FORCE ORDER OF BATTLE:

-- ON EGYPTIAN SIDE

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

SUEZ CANAL SPECIAL AREA 1305

25X1D

25X1D

25X1A 30-06- N 032-33- E

25X1D

STATUS:OCCUPIED

25X6

REMARKS:

NO SIGNIFICANT MILITARY ACTIVITY WAS DISCERNIBLE

25X6

25X1D

GROUND FORCE ORDER OF BATTLE:

-- ON EGYPTIAN SIDE

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1C

HANDLE VIA
Approved For Release 20
Talent-Keyhole
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

IRAN
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

KISH AW RADAR FACILITY

25X1A

25X1D

25X1D

26-32- N 053-59- E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

ON JAZIREH-YE KISH (KISH ISLAND) 135 NM WSW OF BANDAR ABBAS AND
229 NM SE OF BUSHEHR.

THE NEWLY IDENTIFIED AW RADAR FACILITY CONTAINS ONE PROBABLE
SEARCH RADAR AND ONE PROBABLE HEIGHT FINDER RADAR. EACH RADAR
IS HOUSED INSIDE AN ENVIRONMENTAL DOME WHICH IS MOUNTED ON A
TOWER. ASSOCIATED COMMUNICATIONS FACILITIES CONSIST OF TWO
TROPOSCATTER SCREENS, FIVE POSSIBLE UHF/VHF ANTENNAS, AND TWO
POSSIBLE HF ANTENNAS. THE TROPOSCATTER SCREENS ARE ORIENTED
ENE TOWARD BANDAR ABBAS.

SUPPORT FACILITIES INCLUDE A SMALL THERMAL POWERPLANT, ONE
ADMINISTRATION/CONTROL BUILDING, ONE PROBABLE SMALL BARRACKS,
THREE SUPPORT BUILDINGS, AND FOUR SMALL VERTICAL POL STORAGE
TANKS.

25X1D

ELECTRONIC ORDER OF BATTLE:

-- INSIDE ENVIRONMENTAL DOME
1 PROB HEIGHT FINDER RADAR 1 PROB SEARCH RADAR

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:
250-JOG G, NG 39-4

25X1D

25X1C

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A004300100051-0
TALENT-KEYHOLE
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KH-4 MISSION 1116-2

IRAN
AIR BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

QEYS AIRFIELD

25X1A

25X1D

25X1D

26-31- N 053-59- E

STATUS: OPERATIONAL

25X1D

PHYSICAL DESCRIPTION:

25X1D

ON JAZIREH-YE KISH (KISH ISLAND) 135 NM WSW OF BANDAR ABBAS AND
229 NM SE OF BUSHEHR.

THE NEWLY IDENTIFIED AIRFIELD CONSISTS OF A E/W SERVICEABLE BLACKTOP RUNWAY WITH A
TURNAROUND AREA AT THE WEST END AND AN ALERT APRON, LINK
TAXIWAY, AND PROBABLE HANGAR APRON AT THE EAST END. A LARGE
SUPPORT AREA CONTAINING ONE POSSIBLE HANGAR, A LARGE Y-SHAPED
BUILDING, 20 PROBABLE BARRACKS, SIX OFFICERS QUARTERS, AND AT
LEAST 22 OTHER BUILDINGS IS LOCATED JUST SOUTH OF THE RUNWAY.
REMNANTS OF AN OLD, PROBABLY UNSERVICEABLE GRADED-EARTH RUNWAY
WERE OBSERVED BETWEEN THE BLACKTOP RUNWAY AND THE SUPPORT AREA.

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGE DERIVED COORDINATES:

25X1D

MAP SOURCE REFERENCE:
250-JOG G, NG 39-4

HANDLE VIA 25X1C
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

PAKISTAN
AIR BASE FACILITIES

25X1D OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

25X1D

HYDERABAD AIRFIELD NEW

25-19- N 068-21- E

STATUS: UNKNOWN

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HANDLE VIA 25X1C
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CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

POLAND
AIR BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

WARSAWA RADCOM XMTR STA WIAZOWNA
[REDACTED]

25X1A

25X1D

25X1D

52-09-[REDACTED]N 021-18-[REDACTED]E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

12 NM SE OF WARSAW.

UPDATED DESCRIPTION. THE INSTALLATION CONTAINS AN OLD
EARTH-MOUNDED CONTROL BUNKER, A CENTRAL CONTROL BUILDING, AND
NUMEROUS HF ANTENNAS OF UNIDENTIFIED CONFIGURATION. ANTENNA
CONSTRUCTION WAS IN PROGRESS.

A PROBABLE COMMAND AND CONTROL FACILITY WAS UNDER CONSTRUCTION
TO THE SW. IT CONTAINED A SECURED PROBABLE COMMAND AND CONTROL
BUNKER, TEN PROBABLE HORIZONTAL DIPOLES, AND TEN PROBABLE
QUADRANTS, ALL UNDER CONSTRUCTION.

THE PROBABLE COMMAND AND CONTROL FACILITY IS SIMILAR TO OTHERS
WHICH HAVE BEEN IDENTIFIED IN THE USSR. THIS WAS THE FIRST
SUCH FACILITY TO BE IDENTIFIED IN POLAND.

25X1D

[REDACTED]

25X1C

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HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D ALEYSK ICBM COMPLEX 25X1A 25X1D 25X1D
52-28- N 083-05- E
STATUS: OPERATIONAL
REMARKS:
FIVE OF THE 30 KNOWN SS-9 LAUNCH SITES WERE OBSERVED. FOUR
OTHER SITES WERE IDENTIFIABLE ONLY. NO MISSILE ACTIVITY WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D ALUKSNE MRBM COMPLEX 25X1A 25X1D 25X1D
57-18- N 026-44- E
STATUS: UNKNOWN
REMARKS:
THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D BELOKOROVICHI MRBM COMPLEX 25X1A 25X1D 25X1D
51-01- N 027-55- E
STATUS: OPERATIONAL
REMARKS:
LAUNCH SITE 3, THE TRAINING POSITION, PARTS OF LAUNCH SITES 1
AND 2, AND FIXED FIELD SITE 1 WERE OBSERVED. VEHICLES WERE
PARKED ON ALL FOUR PADS AT LAUNCH SITE 2. NO SILO CONSTRUCTION
WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

HANDLE VIA 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A000100010001-0
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

BORSHCHEV MRBM COMPLEX

25X1A

25X1D

25X1D

48-46- N 026-08- E

STATUS: OPERATIONAL

REMARKS:

25X1D

THE ENTIRE COMPLEX WAS OBSERVED. UNIDENTIFIED OBJECTS WERE ON ONE OF THE PADS AT SITE 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

BRODY MRBM COMPLEX

25X1D

25X1A

25X1D

25X1D

50-12- N 025-05- E

STATUS: OPERATIONAL

REMARKS:

PARTS OF LAUNCH SITES 1, 2, AND 3 WERE VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

DERAZHNYA SSM COMPLEX

25X1D

25X1A

25X1D

25X1D

49-12- N 027-08- E

STATUS: OPERATIONAL

REMARKS:

25X1D

TWENTY-FOUR TYPE IIIG LAUNCH SITES AND 25 TYPE IIID LAUNCH SITES WERE OBSERVED. TWO ADDITIONAL TYPE IIIG LAUNCH SITES WERE IDENTIFIED ONLY. THE COMPLEX SUPPORT FACILITIES AND RAIL-TO-ROAD TRANSFER POINT (RTP) WERE ONLY PARTLY VISIBLE. FOUR SILO LINER SEGMENTS HAD BEEN INSTALLED IN THE FOLLOWING SITES SINCE -- 79G, 83G, 84G, AND 86G. FOUR SILO LINER SEGMENTS HAD ALSO BEEN INSTALLED IN SITE 88I SINCE

25X1D

A POSSIBLE BUNKER EXCAVATION WAS VISIBLE AT SITE 76H IN A LOCATION SIMILAR TO THE BUNKER LOCATIONS AT SITES 91I AND 69G. IN THE RTP, A NEW, POSSIBLE THIRD BUILDING FOUNDATION WAS OBSERVED JUST OFF THE LOOP ROAD. AT THE ALTERNATE HEADQUARTERS COMMAND AND CONTROL FACILITY, THE TOP OF THE BUILDING INSIDE THE BUNKER EXCAVATION WAS VISIBLE. NO NEW

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE
SEARCH AREA.

25X1D

25X1D

DOLINA MRBM COMPLEX

25X1A

25X1D

25X1D

49-00- N 024-06- E

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

DROGOBYCH MRBM COMPLEX

25X1A

25X1D

25X1D

49-22- N 023-29- E

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
IDENTIFIED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

GLADKAYA ICBM COMPLEX

25X1A

25X1D

25X1D

56-23- N 092-28- E

STATUS:OPERATIONAL

REMARKS:

SIXTEEN OF THE 60 KNOWN SS-11 LAUNCH SITES, TWO OF THE THREE
KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND
THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. TWO OTHER SS-11
LAUNCH SITES WERE IDENTIFIED ONLY. NO NEW MISSILE ACTIVITY WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

Approved For Release 200

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

52-21-[REDACTED]N 030-44-[REDACTED]E

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

54-39-[REDACTED]N 022-08-[REDACTED]E

ONLY FIXED FIELD SITES 1 AND 2 WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

54-39-[REDACTED]N 022-08-[REDACTED]E

ONLY FIXED FIELD SITES 1 AND 2 WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

54-44-[REDACTED]N 021-06-[REDACTED]E

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

56-52-[REDACTED]N 085-22-[REDACTED]E

THE COMPLEX WAS NOT OBSERVED. NO MISSILE ACTIVITY WAS OBSERVED
ON PARTIAL COVERAGE OF THE SEARCH AREA.

HANDLE VIA 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A0004300010007-8
Talent-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D
[REDACTED]

JELGAVA MRBM COMPLEX

25X1A 25X1D 25X1D
56-38-[REDACTED]N 024-06-[REDACTED]E
[REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 2, A POSSIBLE MISSILE WITHOUT WARHEAD WAS IN FRONT OF A MISSILE-READY BUILDING. A PROBABLE ERECTED TRAINING MISSILE AND FIVE PROBABLE MISSILE TRANSPORTERS (TWO OF WHICH POSSIBLY CONTAINED MISSILES) WERE ADJACENT TO THE SOUTHERN MISSILE-READY BUILDING. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D
[REDACTED]

JONAVA MRBM COMPLEX

25X1A 25X1D 25X1D
55-00-[REDACTED]N 024-12-[REDACTED]E
[REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. ERECTORS WERE ON ALL PADS AT LAUNCH SITES 1 AND 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D
[REDACTED]

KARTALY ICBM COMPLEX

25X1A 25X1D 25X1D
52-53-[REDACTED]N 060-34-[REDACTED]E
[REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

FIVE OF THE 42 KNOWN SS-9 LAUNCH SITES AND PARTS OF THE COMPLEX SUPPORT FACILITIES WERE OBSERVED. TWO SS-9 SITES WERE IDENTIFIABLE ONLY. NO SIGNIFICANT CHANGES WERE VISIBLE IN THE PROBABLE MISSILE RECEIVING FACILITY. NONE OF THE TYPE IIIF SITES WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D
[REDACTED]

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

KIVERTSY MRBM COMPLEX

25X1A 25X1D 25X1D
50-54- N 025-29- E

STATUS: OPERATIONAL

REMARKS:

25X1D

THE FIXED FIELD SITE AND PARTS OF LAUNCH SITES 1, 2, AND 3 WERE VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D KONKOVICHI MRBM COMPLEX

25X1A 25X1D 25X1D
52-18- N 028-38- E

STATUS: UNKNOWN

REMARKS:

25X1D

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D KOROSTEN MRBM COMPLEX

25X1A 25X1D 25X1D
50-51- N 028-15- E

STATUS: OPERATIONAL

REMARKS:

25X1D

FIXED FIELD SITES 1 AND 3, LAUNCH SITE 1, AND PART OF LAUNCH SITE 2 AND THE RAIL-TO-ROAD TRANSFER POINT WERE VISIBLE. MISSILES ON TRANSPORTERS WERE IN FRONT OF ONE AND POSSIBLY TWO READY BUILDINGS. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D KOSTROMA ICBM COMPLEX

25X1A 25X1D 25X1D
57-43- N 041-37- E

STATUS: OPERATIONAL

25X1C
HANDLE VIA
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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. PROBABLE
SS-7 MISSILES WERE OBSERVED AT TWO OF THE SEVEN KNOWN SS-7
LAUNCH SITES. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL
COVERAGE OF THE SEARCH AREA.

25X1D

25X1D KOZHANOVICHI MRBM COMPLEX

25X1D 25X1D
25X1A 52-12- N 027-52- E

STATUS:UNKNOWN

25X1D REMARKS:
THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D KRASNOZNAMENSK MRBM COMPLEX

25X1D 25X1D
25X1A 55-01- N 022-23- E

STATUS:UNKNOWN

25X1D REMARKS:
THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D LUTSK MRBM COMPLEX

25X1D 25X1D
25X1A 50-48- N 025-03- E

STATUS:UNKNOWN

25X1D REMARKS:
PARTS OF SITES 1 AND 2 WERE VISIBLE. LAUNCH SITE 3 AND THE
FIXED FIELD SITE WERE IDENTIFIED ONLY. NO SILO CONSTRUCTION
WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1C
HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

MOLOSKOVITSY MRBM COMPLEX

25X1A

25X1D

25X1D

59-33- N 028-57- E

STATUS:UNKNOWN

REMARKS:

25X1D

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

NADVORNAYA MRBM COMPLEX

25X1A

25X1D

25X1D

48-41- N 024-46- E

25X1D

STATUS:OPERATIONAL

REMARKS:

25X1D

THE ENTIRE COMPLEX WAS VISIBLE. UNIDENTIFIED ACTIVITY WAS
OBSERVED ON ONE PAD AT LAUNCH SITE 2. A MISSILE ON A
TRANSPORTER WAS BEING ALIGNED WITH AN ERECTOR ON ONE PAD AT
LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL
COVERAGE OF THE SEARCH AREA.

NIGRANDE IRBM COMPLEX

25X1A

25X1D

25X1D

56-35- N 021-55- E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

NOVOSIBIRSK ICBM COMPLEX

25X1A

25X1D

25X1D

55-17- N 083-06- E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO NEW MISSILE ACTIVITY WAS

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE OBSERVED EXCEPT LAUNCH SITES 84G, 86G, 89G, 91G, AND 92G. PRELIMINARY BUILDING CONSTRUCTION AND A NEW ROAD PATTERN SIMILAR TO THAT AT TYPE IIID LAUNCH CONTROL SITES WERE OBSERVED AT TYPE IIIG LAUNCH CONTROL SITE 76H. A TRIPLE SECURITY FENCE WAS BEING INSTALLED TO ENCLOSE THE LAUNCH SITE AND NEW CONSTRUCTION AREA. TO THE NW A SINGLE SECURITY FENCE WITH AN OFFSET TO ACCOMMODATE A PROBABLE LINEAR ANTENNA WAS UNDER CONSTRUCTION. HEADWORKS WERE OBSERVED AT NINE

25X1C
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HANDLE VIA
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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

TYPE IIIG SITES, ALL IN THE H GROUP. NEW CONSTRUCTION WAS OBSERVED AT LAUNCH SITE 1 AND ADDITIONAL NEW CONSTRUCTION WAS VISIBLE EAST OF LAUNCH SITE 1. NO ADDITIONAL NEW SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

POSTAVY MRBM COMPLEX

25X1A

25X1D

25X1D

55-17- N 026-49- E

25X1D

STATUS:UNKNOWN

REMARKS:

ALL COMPLEX COMPONENTS WERE IDENTIFIABLE ONLY EXCEPT LAUNCH SITE 3, WHICH WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

RAKVERE MRBM COMPLEX

25X1A

25X1D

25X1D

59-09- N 026-17- E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

RISTI MRBM COMPLEX

25X1A

25X1D

25X1D

59-03- N 024-05- E

25X1D

STATUS:OPERATIONAL 25X1D

REMARKS:

ALL COMPONENTS OF THE COMPLEX EXCEPT LAUNCH SITE 2 WERE OBSERVED. FIXED FIELD SITES 1 AND 2 WERE IDENTIFIABLE ONLY. AT LAUNCH SITE 1 ON A POSSIBLE MISSILE ON TRANSPORTER AND A POSSIBLE ERECTOR WERE IN THE MOTOR POOL. ERECTORS WERE ON ALL LAUNCH PADS AND SEVERAL SUPPORT VEHICLES WERE AT ONE OF THE PADS. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1C
HANDLE VIA
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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

SHADRINSK ICBM COMPLEX

25X1A

25X1D

25X1D

56-08- N 063-49- E

25X1D

STATUS: OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX AND THE SEARCH AREA WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED.

25X1D

SOKAL MRBM COMPLEX

25X1A

25X1D

25X1D

50-23- N 024-21- E

25X1D

STATUS: OPERATIONAL

REMARKS:

PARTS OF LAUNCH SITES 1, 2, AND 3 WERE VISIBLE. NO SILO CONSTRUCTION WAS IDENTIFIED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

SOVETSK MRBM COMPLEX

25X1A

25X1D

25X1D

55-09- N 021-34- E

25X1D

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

TATISHCHEVO ICBM COMPLEX

25X1A

25X1D

25X1D

51-50- N 045-40- E

25X1D

STATUS: OPERATIONAL

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A004300010007-0
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

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KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:

SIXTY OF THE 120 KNOWN SS-11 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. THREE OTHER SS-11 LAUNCH SITES WERE IDENTIFIED ONLY. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

[REDACTED]

TAURAGE MRBM COMPLEX

25X1A

25X1D

25X1D

55-14- [REDACTED] N 022-25- [REDACTED] E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

[REDACTED]

TAYBOLA IRBM COMPLEX

25X1A

25X1D

25X1D

68-25- [REDACTED] N 033-21- [REDACTED] E

25X1D

STATUS:OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. SNOW HAD BEEN CLEARED FROM THE LAUNCH SITES AND THE ROADS AND RAIL LINE IN THE RAIL-TO-ROAD TRANSFER POINT. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

[REDACTED]

TEYKOVO ICBM COMPLEX

25X1A

25X1D

25X1D

56-44- [REDACTED] N 040-40- [REDACTED] E

25X1D

STATUS:OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. ON [REDACTED] MISSILE EXERCISES WERE OBSERVED AT LAUNCH SITES 4, 5, AND 6.

25X1D

25X1C

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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

ONE SS-7 MISSILE ON A TRANSPORTER WAS BACKED UP TO THE MISSILE
ERECTOR ON THE RIGHT LAUNCH PAD OF LAUNCH SITE 4 AND ON THE
LEFT LAUNCH PAD OF LAUNCH SITES 5 AND 6. AT ALL THREE SITES,
THE MISSILE ERECTORS APPEARED TO BE PARTIALLY RAISED.
CONSTRUCTION CONTINUED AT THE COMPLEX HEADQUARTERS ALTERNATE AT
LAUNCH SITE 39D. NO NEW MISSILE ACTIVITY WAS OBSERVED ON
PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

TORVA MRBM COMPLEX

25X1A

25X1D

25X1D

57-58- N 026-06- E

STATUS:UNKNOWN

REMARKS:

COMPONENTS OF THE COMPLEX WERE IDENTIFIABLE ONLY. LAUNCH SITE
2 WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON
PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

TYUMEN ICBM COMPLEX

25X1A

25X1D

25X1D

56-52- N 065-39- E

STATUS:OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO MISSILE
ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

UKMERGE MRBM COMPLEX

25X1A

25X1D

25X1D

55-09- N 024-40- E

STATUS:OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, A PROBABLE

25X1C
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HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

MISSILE ON TRANSPORTER WAS NEAR ONE OF THE READY BUILDINGS.
ERECTORS WERE ON ALL PADS AT BOTH LAUNCH SITES. NO SILO
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH
AREA.

25X1D

25X1D UMAN MRBM COMPLEX

25X1A 25X1D 25X1D
48-52- N 030-12- E

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 3 AND PART OF LAUNCH SITES 1 AND 2 WERE VISIBLE.
UNIDENTIFIED MATERIAL WAS ON THE PADS AT LAUNCH SITE 1. NO
SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE
SEARCH AREA.

25X1D

25X1D USOVO MRBM COMPLEX

25X1A 25X1D 25X1D
51-15- N 028-09- E

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 3 AND PARTS OF LAUNCH SITES 1 AND 2 AND FIXED FIELD
SITE 1 WERE OBSERVED. THERE WAS UNIDENTIFIED ACTIVITY ON ONE
OF THE PADS AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D UZHUR ICBM COMPLEX

25X1A 25X1D 25X1D
55-17- N 090-01- E

STATUS: OPERATIONAL

REMARKS:

FOUR OF THE FIVE KNOWN TYPE IIIF LAUNCH SITES, FIFTY OF THE 60
KNOWN SS-9 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND
THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. ONE TYPE IIIF
LAUNCH SITE (66) AND EIGHT OTHER SS-9 LAUNCH SITES WERE
IDENTIFIED ONLY. CONSTRUCTION HAD CONTINUED ON THE FOUR TYPE
IIIF LAUNCH SITES OBSERVED. THE PROBABLE SILO LINER SEGMENT

25X1C

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TALENT-KEYHOLE
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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D OBSERVED ON THE APRON AT LAUNCH SITE 64 ON [REDACTED]
WAS PROBABLY STILL PRESENT. NO NEW MISSILE ACTIVITY WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

VORU MRBM COMPLEX

25X1A

25X1D

25X1D

57-47-[REDACTED]N 026-48-[REDACTED]E

STATUS: UNKNOWN

REMARKS:

25X1D THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D YELSK MRBM COMPLEX

25X1A 25X1D 25X1D
51-46-[REDACTED]N 029-16-[REDACTED]E

STATUS: OPERATIONAL

REMARKS: :

25X1D FIXED FIELD SITE 1, LAUNCH SITE 2, AND PART OF LAUNCH SITE 1
WERE VISIBLE. VEHICLES WERE PARKED IN ALL FOUR PADS AT LAUNCH
SITE 2. ANOTHER FIXED FIELD SITE WAS NEWLY IDENTIFIED ABOUT 1.3
NM NW OF THE EXISTING FIXED FIELD SITE, AT 51-52-[REDACTED]N
029-04-[REDACTED]E. THIS SITE WAS PRESENT IN [REDACTED]. NO
SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE
25X1D SEARCH AREA.

25X1D

25X1D YOSHKAR-OLA ICBM COMPLEX

25X1A 25X1D 25X1D
56-47-[REDACTED]N 048-30-[REDACTED]E

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. ACTIVITY
ASSOCIATED WITH PERIODIC MAINTENANCE WAS OBSERVED AT SEVERAL
LAUNCH SITES IN LAUNCH GROUP E. THE ALTERNATE COMMAND AND

25X1C
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HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D CONTROL FACILITY WAS STILL UNDER CONSTRUCTION AS THE BUILDING
HAD NOT BEEN BACKFILLED. THE SS-13 SINGLE-SILO TRAINING SITE
WAS STILL UNDER CONSTRUCTION IN THE RAIL-TO-ROAD TRANSFER
POINT. AN SS-7 MISSILE ON A TRANSPORTER WAS AT THREE OF THE
SIX SS-7 LAUNCH SITES. NO NEW MISSILE ACTIVITY WAS OBSERVED.

25X1D YURYA ICBM COMPLEX

25X1A 25X1D 25X1D
59-13- N 049-35- E

STATUS: OPERATIONAL

25X1D REMARKS:
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO MISSILE
ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D ZAGARE MRBM COMPLEX

25X1A 25X1D 25X1D
56-31- N 023-19- E

STATUS: OPERATIONAL

25X1D REMARKS:
THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, A POSSIBLE
MISSILE ON TRANSPORTER WAS NEAR ONE OF THE READY BUILDINGS. AT
LAUNCH SITE 2, A MISSILE TRANSPORTER WAS ALIGNED WITH AN
ERECTOR AT ONE OF THE LAUNCH PADS. AT LEAST FOUR MISSILES ON
TRANSPORTERS WERE AT LAUNCH SITE 3. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D ZHITOMIR MRBM COMPLEX

25X1A 25X1D 25X1D
50-03- N 028-14- E

25X1D STATUS: OPERATIONAL

REMARKS:
THE ENTIRE COMPLEX WAS OBSERVED. A MISSILE ON TRANSPORTER WAS
ALIGNED WITH AN ERECTOR ON ONE PAD AT LAUNCH SITE 3.
CONSTRUCTION CONTINUED ON THE BUILDING NEAR THE RTP. NO SILO
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D AREA.

[REDACTED]

ZNAMENSK MRBM COMPLEX

25X1A

25X1D

25X1D

25X1D

54-29- [REDACTED] N 021-05- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:

ONLY THE SOUTHERNMOST LAUNCH PAD OF LAUNCH SITE 1 WAS OBSERVED.
NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE
SEARCH AREA.

25X1D

[REDACTED]

25X1C
HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

AKHTUBINSK FLIGHT TEST CENTER

25X1A

25X1D

25X1D

48-17- N 046-11- E

STATUS: OPERATIONAL

25X1D

REMARKS:

25X1D

A BACKFIRE BOMBER WAS OBSERVED IN THE ASM FACILITY FOR THE FIRST TIME ON [REDACTED] FIVE FOXBAT AND ONE FLOGGER WERE ALSO OBSERVED ON [REDACTED] TWO FOXBAT WERE AT THE AREA AIRFIELD, TWO WERE IN THE ASM AREA, AND ONE FOXBAT AND A FLOGGER WERE ON THE PARKING APRON OUTSIDE THE ASM FACILITY. CONSTRUCTION ACTIVITY WAS CONTINUING THROUGHOUT THE FLIGHT TEST CENTER, AND MINOR RUNWAY REPAIRS APPEARED TO BE IN PROGRESS AT THE SE END OF THE MAIN RUNWAY.

FOR COMPLETE ORDER OF BATTLE, SEE REPORTS ON THE FOLLOWING FACILITIES WITHIN THE FLIGHT TEST CENTER.

25X1A

25X1A

25X1A

AKHTUBINSK/VLADIMIROVKA AIRFIELD [REDACTED]
AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD [REDACTED]
AKHTUBINSK/VLADIMIROVKA AAM SUPPORT COMPLEX [REDACTED]
AKHTUBINSK/VLADIMIROVKA ASM SUPPORT COMPLEX [REDACTED]
AKHTUBINSK/VLADIMIROVKA AAM AND ASM STORAGE [REDACTED]

25X1D

25X1D KAPUSTIN YAR SAM FIRING RANGE

25X1A

25X1D

25X1D

48-48- N 045-43- E

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE RANGE WAS COVERED ON PHOTOGRAPHY OF FAIR INTERPRETABILITY.

CONSTRUCTION HAS ADVANCED AT A POSSIBLE ELECTRONICS-RELATED FACILITY 2 NM WEST OF THE PRECISION TRACKING RADAR FACILITY. THE POSSIBLE ELECTRONICS-RELATED FACILITY CONSISTS OF TWO AREAS (A AND B).

25X1D

AREA A CONTAINS TWO CIRCULAR CONCRETE PADS SEPARATED BY A SERIES OF LINEAR EXCAVATIONS. THE TWO PADS HAVE DIAMETERS OF [REDACTED] TWO RADOMES

25X1C

HANDLE VIA
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CONTROL SYSTEM ONLY

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KH-4 MISSION 1116-2

SOVIET UNION
MISSILE RANGES

WERE BEING CONSTRUCTED IN SECTIONS APPROXIMATELY 460 METERS (1,500 FEET) EAST OF THE PAD AREA. IT IS POSSIBLE THAT THE RADOME SECTIONS WILL BE MOVED TO THE TWO CIRCULAR PADS FOR FINAL ASSEMBLY. NO ANTENNA MOUNT OR RADAR HAS BEEN IDENTIFIED AT OR NEAR EITHER PAD, HOWEVER. THE BASE DIAMETERS OF THE TWO RADOMES ARE [REDACTED] AND [REDACTED] MAXIMUM DIAMETERS OF THE RADOMES ARE [REDACTED] AND [REDACTED] RESPECTIVELY. A PLUS-SHAPED OBJECT [REDACTED] AND THREE PIECES OF EQUIPMENT WERE OBSERVED ON THE LARGER OF THE TWO CIRCULAR PADS. THE FUNCTION OF THIS OBJECT IS UNKNOWN. ALTHOUGH THE PADS ARE BELIEVED TO BE ELECTRONICS RELATED, A MISSILE LAUNCH ROLE HAS NOT BEEN ENTIRELY RULED OUT. AREA A ALSO CONTAINS A SERIES OF GUY POINTS, AT LEAST TWO BUILDINGS, AND A PROBABLE POWER SUBSTATION.

AREA B IS APPROXIMATELY 1 NM SOUTH OF AREA A ADJACENT TO SAM TRAINING SITE A. AREA B CONTAINS THREE CLOSELY SPACED TOWERS, EACH PAIR [REDACTED] APART. TWO OF THE TOWERS ARE [REDACTED] HIGH. THE THIRD IS [REDACTED] FEET) HIGH. A FOURTH TOWER (WITH GUY POINTS IDENTICAL TO THOSE FOR THE TOWER TO BE CONSTRUCTED AT AREA A) WAS UNDER CONSTRUCTION AT AREA B. THE TOWER WAS [REDACTED] HIGH. THE GUY WIRE ANCHOR MOUNT SPACING INDICATES THAT THIS TOWER WILL PROBABLY BE HIGHER WHEN COMPLETE. FOUR BUILDINGS AND AN UNIDENTIFIED MAST ARE ALSO AT AREA B.

THIS MENSURATION UPDATES ALL PREVIOUS NPIC MENSURATION FOR THE POSSIBLE ELECTRONICS-RELATED FACILITY.

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

25X1A

25X1D

25X1D

48-41-[REDACTED] N 045-58-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE TEST CENTER WERE OBSERVED. PROBABLE SS-3 GROUND SUPPORT EQUIPMENT CONTINUED TO BE PARKED WITHIN LAUNCH AREA 1C. ONLY TWO OR THREE VEHICLES/PIECES OF EQUIPMENT WERE PARKED ON AND NEAR LAUNCH PAD 2C-1. CONSTRUCTION CONTINUED ON THE SOUTHERN PAD OF LAUNCH AREAS 5C AND 7C.

25X1C

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SOVIET UNION
MISSILE RANGES

25X1D

25X1D

NENOKSA MISSILE TEST CENTER

25X1A

25X1D

25X1D

64-38- N 039-11- E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE TEST CENTER WERE COVERED, BUT POOR INTERPRETABILITY PRECLUDED A DETAILED READOUT. NO SIGNIFICANT ACTIVITY OR CHANGES WERE OBSERVED.

25X1D

25X1D

PLESETSK MISSILE AND SPACE CENTER

25X1A

25X1D

25X1D

62-57- N 040-23- E

STATUS: OPERATIONAL

25X1D

25X1D

REMARKS:

ALL COMPONENTS OF THE SPACE CENTER WERE OBSERVED. THE NEW ASSEMBLY BUILDING AT LAUNCH SITE 1 WAS EXTERNALLY COMPLETE ON COVERAGE OF [REDACTED] AT THE RANGEHEAD TRACKING FACILITY, A NEW GROUND SCAR WAS FIRST OBSERVED ON [REDACTED] THE SCAR EXTENDED NORTH FOR APPROXIMATELY 2 NM. CONSTRUCTION PROGRESS WAS OBSERVED IN THE AREA OF NEW CONSTRUCTION ON THE NW SIDE OF LAUNCH SITE 8. THE AREA HAS BEEN TIED IN BY A RAIL LINE TO THE COMPLEX RAIL NETWORK. ON THE WESTERN SIDE OF LAUNCH SITE 8, FORWARD OF THE SOUTHERN LAUNCH PAD, TWO LARGE NEW BUILDING FOUNDATIONS HAVE BEEN PREPARED. THE POSITIONS OF THE BUILDING FOUNDATIONS ARE OVER THE OLD FENCELINE OF LAUNCH SITE 8. THE FOUNDATIONS APPEAR TO BE RELATED TO THE NEW CONSTRUCTION NW OF LAUNCH SITE 8. LAUNCH SITE 8 APPEARS TO BE DEACTIVATED. NO NEW ACTIVITY WAS OBSERVED AT LAUNCH SITES 16 AND 21.

25X1D

25X1D

TYURATAM MISSILE TEST CENTER

25X1A

25X1D

25X1D

45-56- N 063-27- E

STATUS: OPERATIONAL

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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KH-4 MISSION 1116-2

SOVIET UNION
MISSILE RANGES

REMARKS:

PORTIONS OF THE TYURATAM MISSILE TEST CENTER WERE OBSERVED THROUGH SCATTERED CLOUDS. COMPLETE COVERAGE WAS OBTAINED OF LAUNCH COMPLEXES E AND J AND LAUNCH GROUP N. PARTIAL COVERAGE WAS OBTAINED OF LAUNCH COMPLEXES A, D, G, AND U, LAUNCH GROUPS K, L, O, P, Q, R, AND S, AND THE SUPPORT FACILITIES ALONG THE MAIN NORTH/SOUTH TEST CENTER ROAD. LAUNCH COMPLEXES C AND H WERE CLOUD COVERED. NO SIGNIFICANT ACTIVITY WAS OBSERVED.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

SASYKTAU MISSILE LAUNCH FACILITY

25X1D

25X1A 47-32-25X1D N 049-26-25X1D E

STATUS: OPERATIONAL

25X1D

25X1C

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KH-4 MISSION 1116-2

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

SIGNIFICANT RESULTS

MOSKVA ABM LAUNCH COMPLEX E05

25X1A 25X1D 25X1D
56-14- N 038-34- E

STATUS: OPERATIONAL

REMARKS:

GALOSH CANISTERS WERE OBSERVED ENGAGED VERTICALLY IN THE
LAUNCHERS AT POSITIONS 1B1, 1B2, 1B4, 1C1, 1C2, 1C4, 2B1, 2B2,
2B4, 2C1, 2C2, AND 2C4.

25X1D

MISSILE ORDER OF BATTLE:

25X1D

12 GALOSH CANISTERS

25X1D

MOSKVA ABM LAUNCH COMPLEX E33

25X1A 25X1D 25X1D
56-20- N 036-48- E

STATUS: OPERATIONAL

REMARKS:

25X1D

NO GALOSH CANISTERS WERE OBSERVED.

OTHER RESULTS-NO APPARENT CHANGE

25X1D MOSKVA ABM LAUNCH COMPLEX E03

25X1A 25X1D 25X1D
56-23- N 038-11- E

STATUS: UNDER CONSTRUCTION

25X1D

25X1D MOSKVA ABM LAUNCH COMPLEX E15

25X1A 25X1D 25X1D
55-09- N 038-22- E

STATUS: UNDER CONSTRUCTION

25X1C

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HANDLE VIA
TALENT-KEYHOLE
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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1C

HANDLE VIA
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KH-4 MISSION 1116-2

SOVIET UNION
NAVAL BASE FACILITIES

25X1D

SIGNIFICANT RESULTS

ARA GUBA NAVAL BASE

25X1D 25X1D
25X1A 69-22- N 032-47- E

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING IN THE SUPPORT AREA AT THE SOUTH
END OF THE BASE.

25X1D NAVAL ORDER OF BATTLE:

6 PETYA-II DE
1 MP-8 LSM

1 ATREK ASL
1 UNIDENTIFIED VESSEL

25X1D

DUNAY SUB BASE A SHPYD RAZBOYNIK BAY

25X1D 25X1D
25X1A 42-53- N 132-21- E

25X1D STATUS: OPERATIONAL

REMARKS:

BUILDING CONSTRUCTION CONTINUED AT THE SUBMARINE BASE SUPPORT
AREA.

25X1D NAVAL ORDER OF BATTLE:

1 E-II SSGN
1 MEDIUM SS (IN ARD)
2 POTI PCE
1 ALESHA MMF
2 VANYA MHC
1 VALA AOSR
1 DNEPR AR
2 202A AR
1 ARD

1 KRUPNYY YPSN
2 ROSTA-A YRSN
1 PROB LIBAU AGFL
4 YAGT (2 WEST OF BASE)
1 RECTANGULAR SPT BARGE
1 FLOATING CRANE
MISCELLANEOUS VESSELS
(NUMEROUS, 1 IN ARD)

25X1D

25X1C

HANDLE VIA
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SOVIET UNION
NAVAL BASE FACILITIES

25X1D

DUNAY SUB BASE KONYUSHKOVA BAY

25X1D 25X1D
25X1A 42-51-N 132-21-E

STATUS: OPERATIONAL

REMARKS:

EARTH-GRADING ACTIVITY CONTINUED IN THE SUPPORT AREA.

25X1D NAVAL ORDER OF BATTLE:

2 MEDIUM SS
1 PROB OSS

1 POLUCHAT-1 YPT
3 SMALL CRAFT

25X1D

LITSA GUBA SUBMARINE BASE SOUTH

25X1D 25X1D
25X1A 69-26-N 032-25-E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE PROBABLE STORAGE BUILDING IN THE SUPPORT AREA.

25X1D NAVAL ORDER OF BATTLE:

3 C SSGN
2 E-II SSGN
7 C/V SSGN/SSN (1 UNDERWAY)
1 V SSN
1 N SSN
1 A SSU

1 PROB OSS
3 BOLVA APL
1 KHERSON-A APL
1 975-CLASS YRSN
6 MISCELLANEOUS VESSELS

25X1D

OLENYA GUBA SUBMARINE BASE

25X1D 25X1D
25X1A 69-12-N 033-22-E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION APPEARED TO BE CONTINUING AT THE WEST END OF THE BASE. OF THE FIVE F/Z SS REPORTED, TWO WERE IN THE OUTER HARBOR, TWO WERE IN THE INNER HARBOR, AND ONE WAS UNDERWAY.

25X1C
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HANDLE VIA
TALENT-KEYHOLE
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SOVIET UNION
NAVAL BASE FACILITIES

25X1D

NAVAL ORDER OF BATTLE:

1 H-III SSBN
1 G-I SSB
6 G SSB
5 F/Z SS
1 UGRA AS
1 LIBAU AGCL

1 BOLVA APL
1 975-CLASS YRSN
1 DUNA YR
1 220 YR
2 UNIDENTIFIED VESSELS
5 MISCELLANEOUS VESSELS

25X1D

PALA GUBA NAVAL BASE A SHIP RPR YARD

25X1A

25X1D

25X1D

69-11- N 033-25- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON ONE SHOP BUILDING IN THE WESTERN PART OF THE FACILITY AND ON ONE BARRACKS IN THE EASTERN PART. IN ADDITION, FOOTINGS FOR A PROBABLE BARRACKS WERE OBSERVED IN THE SUPPORT AREA. THE Y SSBN IN THE ARD HAD A LIGHT-TONED SONAR ARRAY.

25X1D

NAVAL ORDER OF BATTLE:

1 Y SSBN (IN ARD-D)
2 H-II SSBN
1 C SSGN (IN ARD-D)
2 E-II SSGN
3 N SSN
2 PROB F SS (1 IN ARD-T)
2 W/R SS
1 VALA AOSR
1 202A AR
1 DNEPR AR

1 BOLVA APL
1 402C YRSN
2 ROSTA-A YRSN
1 ZEYA YRSN
1 PM-124 YRSN
1 YR
1 ARD-T
3 ARD-D (1 COVERED)
2 MISCELLANEOUS VESSELS

25X1D

PECHENGA SUBMARINE BASE LINAKHAMARI

25X1D

25X1D

25X1A 69-38- N 031-21- E

25X1D

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

25X1C

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TALENT-KEYHOLE
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SOVIET UNION
NAVAL BASE FACILITIES

8 MEDIUM SS
2 POTI PCE
1 T-43 MSF (IN BAY)
1 PROB T-43 MSF
2 PROB VANYA MHC
1 OSKOL AR

1 PROB TOVDA AR
1 402C YR
1 T-43 PFR
18 UNIDENTIFIED VESSELS (1
IN ARD-T)

25X1D

PETROPAVLOVSK NAVAL MSL LOADING FAC

25X1A

25X1D

25X1D

52-57- N 158-25- E

25X1D

STATUS: OPERATIONAL

25X1D

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

ASSOCIATED OBJECTS:

1 LAMA AEM
1 SIBIR AGM

1 FLOATING CRANE
1 MISCELLANEOUS VESSEL

25X1D

PETROPAVLOVSK SHPYD + NVB SELDEVAYA

25X1A

25X1D

25X1D

52-53- N 158-25- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS IN PROGRESS ON TWO BUILDINGS.

25X1D

NAVAL ORDER OF BATTLE:

2 H-II SSBN
2 E-II SSGN (1 IN ARD-D AT
NUCLEAR SERVICING AREA)
3 MEDIUM SS (1 IN ARD-T NO
1)
2 PROB KOTLIN DD
2 PROB RIGA DE (1 IN ARD-D
AT MAIN BASE)
1 POTI PCE (IN ARD-D AT
MAIN BASE)
2 OSA PTFG (1 IN ARD-D AT

1 DNEPR AR
1 202A AR
1 VALA AOSR
1 PM-124 YRSN
1 ROSTA-A YRSN
1 ZEYA YRSN
1 ZABAYKALYE APB
1 LARGE APB
1 TOPLIVO-2 YO
1 LARGE YAGT
13 UNIDENTIFIED VESSELS

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

SOVIET UNION
NAVAL BASE FACILITIES

25X1D MAIN BASE)
1 SKORYY AG 1 FLOATING CRANE

PETROPAVLOVSK SUB B A SHPYD TARYA BAY

25X1D 52-54-N 158-29-E
25X1A
25X1D

25X1D STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE NEW WEAPONS FACILITY, THE
PIER, AND THE APARTMENTS.

25X1D NAVAL ORDER OF BATTLE:

4 Y SSBN (ALL DARK SONAR)	1 T-58 ASR
3 E-II SSGN	2 BOLVA-II APL
2 PROB E-II SSGN	1 ZABAYKALYE APB
1 POSS E-I SSN	1 AGB
2 PROB N SSN	1 AT
1 F/Z SS (IN ARD-D)	3 PROB POLUCHAT-1 YPT (2 IN ARD-D)
3 MEDIUM SS (1 IN ARD-T)	1 UNIDENTIFIED VESSEL
1 UGRA AS	
1 OSKOL AR	

25X1D

25X1D POLYARNYY SUBMARINE BASE

25X1D 69-12-N 033-27-E
25X1A
25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON SEVERAL PROBABLE APARTMENTS IN
THE SUPPORT AREA.

25X1D NAVAL ORDER OF BATTLE:

16 PROB F SS (1 UNDERWAY IN HARBOR)	2 VANYA MSC
1 K-1 OSS	11 MSD (AT LEAST)
2 PETYA-I DE	1 MP-8 LSM
2 GRISHA PCEP	1 UGRA AS
3 POTI PCE	1 WILHELM BAUER AS
1 ALESHA MMF	1 PROB LIBAU AGCL
	1 BOLVA APL

SOVIET UNION
NAVAL BASE FACILITIES

ROSTA NAVAL BASE + SHP RPR YD SEVMORPU

69-01-[REDACTED]N 033-04-[REDACTED]E

STATUS: OPERATIONAL

REMARKS:
CONSTRUCTION CONTINUED ON A LARGE FABRICATION BUILDING AND A
BARRACKS.

25X1D NAVAL ORDER OF BATTLE:

1 H-II SSBN (IN SMALL GRAVING DOCK)	1 POSS RIGA DE
5 PROB J SSG	2 PETYA DE
5 SS (1 IN ARD-D, 2 IN GRAVING DOCK)	1 PROB POTI PCE (IN ARD-D)
1 SVERDLOV CL (IN BAY)	2 DON AS
2 KRESTA CLGM (1 IN LARGE GRAVING DOCK)	1 KAZBEK AO
2 KOTLIN DD	2 SURA AGL (1 IN BAY)
1 PROB SKORYY DD	1 AG
1 RIGA DE	5 UNIDENTIFIED VESSELS (1 IN ARD-D)
	32 MISCELLANEOUS VESSELS

SAYDA GUBA SUBMARINE BASE

25X1A 25X1D 25X1D
69-15-█N 033-19-█E

STATUS: OPERATIONAL

REMARKS:
OF THE 12 Y SSBN OBSERVED, SIX HAD DARK-TONED AND SIX HAD LIGHT-TONED SONAR ARRAYS. THE JIB OF THE FLOATING CRANE WAS POSITIONED OVER THE MISSILE TUBE AREA OF THE Y SSBN AT THE MISSILE LOADING PIER. A LARGE PIER WAS UNDER CONSTRUCTION EAST OF THE PRESENT PIERS NEAR WHERE THE THREE LARGE BARGES HAVE BEEN MOORED. ONE OF THE BARGES APPEARED TO BE CONNECTED TO THE ABUTMENT, INDICATING THAT THE REMAINING TWO BARGES MAY BE USED TO COMPLETE THE PIER. LAND FILL WAS CONTINUING NEAR THE NW TUNNEL ENTRANCES. FOOTINGS FOR FOUR PROBABLE APARTMENTS HAVE

25X1C

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SOVIET UNION
NAVAL BASE FACILITIES

BEEN LAID IN THE DEPENDENTS SUPPORT AREA.

25X1D NAVAL ORDER OF BATTLE:

12 Y SSBN	1 SPECIAL-PURPOSE BARGE
1 H-II SSBN	1 POZHARNEY-1 YTR
1 OSS	2 80-FT YTM
4 BOLVA APL	1 POLUCHAT-1 YPT
2 AMUR AR	1 DVINA YR
1 DNEPR AR	2 219-FT YR
1 LIBAU AGCL	6 MISCELLANEOUS VESSELS
1 KEYLA AKL	1 FLOATING CRANE

25X1D

SEVERODVINSK NAVAL BASE WEST

25X1A

25X1D

25X1D

64-34- N 039-45- E

25X1D

STATUS: OPERATIONAL

REMARKS:

THE DUMMY G-II SSB APPEARED TO BE IN THE ARD (T) NO 4. NO CONSTRUCTION ACTIVITY WAS OBSERVED.

25X1D NAVAL ORDER OF BATTLE:

5 MEDIUM SS	1 BOLVA APL
1 PROB MEDIUM SS	1 YAGT
4 DE	14 MISCELLANEOUS CRAFT
4 PROB MSF	1 ARD (T) NO 4
1 AUXILIARY	

25X1D ASSOCIATED OBJECTS:

1 PROB DUMMY G-II SSB (IN ARD-T NO 4)

25X1D

25X1C

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SOVIET UNION
NAVAL BASE FACILITIES

SEVEROMORSK NAVAL BASE

25X1D 25X1D 25X1D
25X1A 69-04- N 033-25- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE PIER AND THE LARGE TUNNEL
ENTRANCE AT THE NEW WEAPONS FACILITY.

NAVAL ORDER OF BATTLE:

25X1D

2 KRESTA CLGM

1 ALLIGATOR LST

2 KASHIN DLG

1 LAMA AEM

4 KANIN DDG

1 VODA AW

1 KOTLIN DD

1 KATUN ATR

1 SKORYY DD

14 MISCELLANEOUS VESSELS

25X1D

2 PETYA DE

3 FLOATING CRANES

25X1D

STRELOK ST SUB BASE PAVLOVSKOGO BAY

25X1D 25X1D 25X1D
25X1A 42-52- N 132-31- E

STATUS: OPERATIONAL

REMARKS:

TUNNELING ACTIVITY APPEARED TO BE CONTINUING. CONSTRUCTION
CONTINUED ON THE BREAKWATER AND ON THREE BUILDINGS.

25X1D

NAVAL ORDER OF BATTLE:

1 Y SSBN

1 AKL

25X1D

4 E-II SSGN

3 MISCELLANEOUS CRAFT

2 E-I SSN

(SMALL)

1 OSS

1 FLOATING CRANE

25X1D

URA GUBA SUBMARINE BASE

25X1D 25X1D 25X1D
25X1A 69-19- N 032-51- E

STATUS: OPERATIONAL

25X1C

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SOVIET UNION
NAVAL BASE FACILITIES

REMARKS:

CONSTRUCTION WAS NEARING COMPLETION ON ONE BARRACKS, AND A FOUNDATION FOR A PROBABLE BARRACKS WAS ADJACENT TO IT.

25X1D NAVAL ORDER OF BATTLE:

4 J SSG	1 ATREK ASL
4 R SS (1 IN HARBOR)	1 PRUT ASR (OUTSIDE NET)
2 W/R SS	2 BOLVA APL
1 B SS	1 SUPPORT-CLASS YR
1 DON AS	1 S-1 YFP
1 WILHELM BAUER AS	7 MISCELLANEOUS VESSELS

25X1D

VLADIVOSTOK NAVAL BASE + SHIPYARD 202

25X1A

25X1D

25X1D

43-06- N 131-55- E

25X1D

STATUS: OPERATIONAL

REMARKS:

THE TWO G SSB AND THE TWO KRUPNYY UNDERGOING CONVERSION AND THE G-II SSB AND F SS PROBABLY BEING FITTED WITH ICEBREAKER BOWS WERE ALL IN THE SAME LOCATIONS AS OBSERVED ON

25X1D

25X1D

25X1D NAVAL ORDER OF BATTLE:

1 G-II SSB	3 T-43
2 PROB G SSB	1 ALLIGATOR LST
2 J SSG	1 UGRA AS (IN GRAVING DOCK)
1 W SSG (LONG BIN)	2 PRIMORYE AGI
1 B SS	1 PAMIR AGI
2 PROB Z SS SONAR CONVERSION	1 KAZBEK AO
4 F/Z SS	1 UDA AO
4 W SS	3 PROB AO
1 SVERDLOV CLG (IN OUTER HARBOR)	2 DESNA AGM
1 SVERDLOV CL	2 SIBIR AGM
1 KYNDA CLGM	1 KLASMA ARC
1 KRUPNYY DDGS	1 CHULYM EAG
2 KRUPNYY (UNDER CONVERSION)	1 KOLOMNA AK (IN GRAVING DOCK)
1 KILDIN DDGS	2 PROB AK (1 IN GRAVING DOCK)
3 KOTLIN DD	3 NIKOLAY ZUBOV AGOR/AGI
1 PROB KOTLIN DD (IN FDD)	2 PROB AGOR
	1 ILYA MUROMETS AGBL

25X1C

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SOVIET UNION
NAVAL BASE FACILITIES

2 SKORYY DD	3 ATA/ATR
1 SKORYY AG	11 LARGE FISH FACTORY SHIPS
1 PETYA DE (LARGE STRUCTURE ON FANTAIL)	9 MIRNY WHALE CATCHERS
1 PROB GRISHA PCE (IN GRAVING DOCK)	100 MISCELLANEOUS VESSELS (AT LEAST)
1 YURKA MSF	2 ARD-T (1 SMALL)
2 T-58	5 ARD-D (4 SMALL)
	3 FLOATING CRANES

25X1D

25X1D 25X1D 25X1A

VLADIVOSTOK SUBMARINE BASE ULISA BAY

43-04- N 131-55- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION AT THE BASE APPEARED TO BE COMPLETE.

25X1D

NAVAL ORDER OF BATTLE:

3 F/Z SS	1 AGOR
1 MV OSS	2 SMALL UNID VESSELS

25X1D

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KH-4 MISSION 1116-2

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

BELAYA TSERKOV ARMY BKS ROSS AL 1

25X1D 25X1D
25X1A 49-48- N 030-05- E

STATUS:OCCUPIED

25X1D

REMARKS:

25X1D TEN VEHICLE STORAGE BUILDINGS HAVE BEEN REMOVED AND SEVEN NEW
VEHICLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED SINCE
THREE OTHER VEHICLE STORAGE BUILDINGS WERE IN A
MIDSTAGE OF CONSTRUCTION.

25X1D GROUND FORCE ORDER OF BATTLE:

50 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

25X1D

BELGOROD-DNESTROVSKIY ORDNANCE DEPOT

25X1A 25X1D 25X1D
46-11- N 030-21- E

25X1D

STATUS:OCCUPIED

REMARKS:

25X1D

THERE HAS BEEN AN INCREASE OF APPROXIMATELY 100 VEHICLES OR
PIECES OF EQUIPMENT SINCE THE LAST CLEAR
COVERAGE OF THIS TARGET.

GROUND FORCE ORDER OF BATTLE:

25X1D 595 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

IVANO FRANKOVSK AMMO DEPOT N DA 1

25X1A 25X1D 25X1D
48-58- N 024-42- E

25X1D

STATUS:OCCUPIED

REMARKS:

THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDED
IDENTIFICATION OF THE EQUIPMENT PRESENT.

25X1C

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KH-4 MISSION 1116-2

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1D

IVANO FRANKOVSK ARMY BKS SOUTH AL 1

25X1D

25X1D

25X1A 48-54- N 024-42- E

STATUS:OCCUPIED

REMARKS:

APPROXIMATELY ONE-THIRD OF A VEHICLE STORAGE BUILDING HAS BEEN
REMOVED. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED
IDENTIFICATION OF EQUIPMENT.

25X1D

GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

KAUNAS ARMY BKS SE AL 2

25X1A 54-51- N 023-57- E

25X1D

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

150 PROB VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

25X1D

25X1D

KOLOMYYA ARMY BARRACKS NNW AL 4

25X1A 48-32- N 025-01- E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

36 VEHICLES/PIECES OF EQUIP

25X1D

HANDLE VIA 25X1C
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SOVIET UNION
GROUND FORCE FACILITIES

25X1D KOROSTEN ARMY BARRACKS LUGINY AL 3 25X1A 25X1D 25X1D
51-05- N 028-22- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D 75 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

25X1D

NOVOGRAD-VOLYNSKIY ARMY BARRACKS AL 2

25X1A 25X1D 25X1D
50-35- N 027-39- E

25X1D STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D 750 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

OVRUCH ARMY BARRACKS AL 1

25X1A 25X1D 25X1D
51-19- N 028-47- E

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D 200 PROB VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

PERECHIN ARMY BARRACKS AL 1

25X1A 25X1D 25X1D
48-44- N 022-29- E

25X1D

STATUS:OCCUPIED

REMARKS:

PATTERNS OF VEHICLES OR PIECES OF EQUIPMENT WERE DISCERNIBLE

25X1C

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SOVIET UNION
GROUND FORCE FACILITIES

BUT THE NUMBER AND TYPE COULD NOT BE DETERMINED.

25X1D

25X1D TIRASPOL ARMY BARRACKS WEST AL 1

25X1A 46-50- N 029-34- E
25X1D 25X1D

STATUS:OCCUPIED

REMARKS:

25X1D

THE CONVERSION OF THE AREA TO CIVILIAN USE HAS BEEN COMPLETED SINCE . NO MILITARY ACTIVITY WAS OBSERVED IN THE AREA. NO ACTIVITY WAS OBSERVED IN THE MILITARY TRAINING AREA.

GROUND FORCE ORDER OF BATTLE:

25X1D

10 HEAVY LOWBED TRAILERS
555 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

25X1D VLADIMIR-VOLYNSKIY ARMY BARRACKS AL 1

25X1A 50-52- N 024-19- E
25X1D 25X1D

STATUS:OCCUPIED

REMARKS:

THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE FACILITY AND IDENTIFICATION OF EQUIPMENT BY TYPE.

25X1D

GROUND FORCE ORDER OF BATTLE:

5 VEHICLES/PIECES OF EQUIP

25X1D

ZHITOMIR ARMY BARRACKS WEST AL 3

25X1A 50-14- N 028-37- E
25X1D 25X1D

25X1D

STATUS:OCCUPIED

HANDLE VIA 25X1C
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SOVIET UNION
GROUND FORCE FACILITIES

25X1D

GROUND FORCE ORDER OF BATTLE:

100 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

25X1D

HANDLE VIA 25X1C
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SOVIET UNION
LOGISTICS

SIGNIFICANT RESULTS

25X1D

CHERNYAKHOVSK TRANSLOADING YD SW
[REDACTED]

25X1A

25X1D 25X1D
54-37-[REDACTED] N 021-46-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

THE EXTENT OF ACTIVITY COULD NOT BE DETERMINED BECAUSE OF
PARTIAL COVERAGE AND THE POOR INTERPRETABILITY OF THE
PHOTOGRAPHY.

25X1D
[REDACTED]

Next 2 Page(s) In Document Exempt

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D

BIYSK SOLID MOTOR PRODUCTION PLANT

25X1D 25X1D
25X1A 52-29- N 085-05- E

STATUS: OPERATIONAL

25X1D ASSOCIATED OBJECTS:

2 PROB MSL COMPNTS RAILCARS
-- IN NEW PLANT

25X1D

CHELNOPUSHKA SHIP REPAIR YARD

25X1A 69-03- N 033-13- E

25X1D

STATUS: OPERATIONAL

REMARKS:

THE NEW SUPPORT BUILDING APPEARED TO BE EXTERNALLY COMPLETE

25X1D

NAVAL ORDER OF BATTLE:

1 PETYA-I DE

1 LENIN AGB (IN ARD-D)

3 POTI PCE

10 UNIDENTIFIED VESSELS

1 VANYA MSC/MHC

4 MISCELLANEOUS VESSELS

25X1D

GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21

25X1D 25X1D
25X1A 56-19- N 043-51- E

25X1D

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D -- AT THE AIRFIELD

4 FOXBAT

10 SMALL DELTA/SWEPT-WING

1 CRATE

(AT LEAST)

1 CAB

2 LIGHT STRAIGHT-WING

25X1D

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

25X1D

GORKIY SHIPYARD NO 112

25X1D 25X1D
25X1A 56-21- N 043-52- E

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE ELL OF THE LARGE FABRICATION BUILDING. A PROBABLE C SSGN WAS OBSERVED ALONGSIDE THE 975 YRSN.

25X1D

NAVAL ORDER OF BATTLE:

1 PROB C SSGN	2 PROB VOLGA BALT BULK
1 PROB LAMBET OSS	CARRIERS (UNDER
1 975 YRSN	CONSTRUCTION)
1 ZEYA YRSN	1 FLOATING CRANE (SELF
2 RECTANGULAR SPT BARGES	PROPELLED)
2 YR	1 ARD (T) NO 4
1 VOLGA BALT BULK CARRIER	5 MISCELLANEOUS CRAFT

25X1D

25X1D KAZAN AIRFRAME PLANT GORBUNOV 22

25X1D 25X1D
25X1A 55-51- N 049-06- E

STATUS: OPERATIONAL

REMARKS:

TWENTY-THREE BLINDER WERE OBSERVED AT THE PLANT ON . THIS IS THE HIGHEST COUNT SINCE

25X1D

ASSOCIATED OBJECTS:

--- AT THE PLANT

3 BACKFIRE	1 CRATE
23 BLINDER	6 CAB
5 BADGER	1 POSS SMALL
2 CLASSIC	DELTA/SWEPT-WING
1 COKE	

25X1D

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

25X1D

KOMSOMOLSK AIRFRAME PLANT ORDZH 126

25X1A 25X1D 25X1D
50-34- N 137-05- E

25X1D STATUS:OPERATIONAL

ASSOCIATED OBJECTS:

39 FITTER

1 COLT

3 CAT/CUB/CAMP

1 MEDIUM HELICOPTER

3 CAB

29 FLAGON

25X1D

KOMSOMOLSK SHIPYARD AMUR 199

25X1A 25X1D 25X1D
50-32- N 137-03- E

25X1D

STATUS:OPERATIONAL

REMARKS: 25X1D

ON THE LAUNCH BASIN WAS FLOODED AND THE ARD (T) NO 1
LAUNCHING DOCK WAS POSITIONED TO RECEIVE A SUBMARINE FROM THE
NO 1 WAY OF THE FOUR-BAY CONSTRUCTION HALL. BUILDING
CONSTRUCTION CONTINUED AT TWO SITES.

25X1D NAVAL ORDER OF BATTLE:

1 975-CLASS YRSN

1 TRANSPORTER CRANE

1 ARD (T) NO 1

10 SMALL CRAFT

1 FERRY

25X1D

KURUMOCH ROCKET ENGINE TEST FACILITY

25X1A 25X1D 25X1D
53-32- N 049-51- E

25X1D STATUS:OPERATIONAL

25X1B

25X1D

25X1C

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SOVIET UNION
INDUSTRY

25X1D

LUKHOVITSY AIRFRAME PLT
[REDACTED]

25X1D 25X1D
25X1A 54-54-[REDACTED] N 039-02-[REDACTED] E
[REDACTED]

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D

2 BEAGLE
65 FLOGGER (AT LEAST)
16 FISHBED
1 COOKER
1 COOKPOT

25X1D

1 COOT
[REDACTED]
1 COLT
17 PROB FISHBED FUSELAGE
CRATES (AT LEAST)

25X1D

[REDACTED] -- AT CRATE FACILITY
20 PROB FISHBED FUSELAGE
CRATES

25X1D

PETROVKA NAVAL BASE + SHIPYARD
[REDACTED]

25X1D 25X1D
25X1A 43-06-[REDACTED] N 132-20-[REDACTED] E
[REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

WORK APPEARED TO BE CONTINUING ON THE Y SSBN AND THE E-I SSN.
THE ZEYA YRSN AND FLOATING CRANE REMAINED ALONGSIDE THE Y SSBN.
DECK PLATING AFT OF THE REACTOR AREA OF E-I SSN HAD BEEN
REMOVED. THE PM-124 YRSN AND THE RECTANGULAR SUPPORT BARGE
REMAINED ALONGSIDE. CONSTRUCTION CONTINUED ON THE REPAIRWAY
ROOF AND ON THE POSSIBLE TRANSVERSER EXTENSION.

25X1D NAVAL ORDER OF BATTLE:

1 Y SSBN
2 E-II SSGN (1 ON WAY 4, 1
IN ARD-T)
2 E-I SSN (1 ON WAY 2)
1 N SSN (ON WAY 3)
1 SO-1 SC
1 T-58 MSF
1 202A AR
1 ARD-T

1 PETROVKA-A YRSN
1 PETROVKA-B YRSN
2 PM-124 YRSN
2 ZEYA YRSN
1 YAGT
1 S-1 YAGT
7 RECTANGULAR SPT BARGES
11 MISCELLANEOUS CRAFT
2 FLOATING CRANES

25X1C
HANDLE VIA
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SOVIET UNION
INDUSTRY

25X1D

25X1A

25X1D

25X1D

NAVAL ORDER OF BATTLE:

NONE PRESENT

25X1D

25X1D RAMENSKOYE FLIGHT TEST CENTER

25X1D 25X1D
25X1A 55-33-3N 038-07-E

25X1D

STATUS: OPERATIONAL

25X1D

REMARKS:

25X1D

A RAM-H DELTA-WING BOMBER WAS OBSERVED IN THE MYASISHCHEV AREA ON [REDACTED]. THIS IS THE FIRST SIGHTING OF A RAM-H SINCE [REDACTED]. SEVERAL PIECES OF GROUND EQUIPMENT WERE OBSERVED IN THE SECURED AREA SURROUNDING THE RAM-H. A FREEHAND WAS AGAIN OBSERVED ON THE FLIGHT DECK TEST STRUCTURE. THE FREEHAND APPEARS TO BE IN A DIFFERENT POSITION ON THE DECK THAN PREVIOUSLY OBSERVED. HOWEVER, LIMITED INTERPRETABILITY PRECLUDES A DETAILED ANALYSIS.

25X1D

ASSOCIATED OBJECTS:

[REDACTED] -- MYASISHCHEV AREA (IN CLOUD-FREE AREAS)
1 RAM-H 4 COOT
1 BOUNDER 2 DELTA/SWEPT-WING
3 BISON

25X1D

[REDACTED] -- MIL AREA

2 HOOK 3 SMALL HELICOPTERS (AT LEAST)
1 POSS HOOK/HARKE
3 MEDIUM HELICOPTERS (AT LEAST)

25X1D

[REDACTED] -- TRANSIENT PARKING AREA (IN CLOUD-FREE AREAS)
5 SMALL DELTA/SWEPT-WING 1 CODLING

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

4 CAT/CUB
2 COKE
4 CAMEL/COOKER
1 COOT
1 HOOK

25X1D [REDACTED] -- ON THE FLIGHT DECK TEST STRUCTURE
1 FREEHAND

25X1D

RAMENSKOYE FTC AREA 1

25X1A 55-34-25N 038-09-05E

25X1D STATUS:OPERATIONAL

25X1D ASSOCIATED OBJECTS:
[REDACTED] -- TEST + DERELICT AREA
1 DELTA-WING BOMBER (PROB
STATIC TEST MODEL MOCK-UP)

25X1D [REDACTED] -- TUPOLEV AREA (IN CLOUD-FREE PORTIONS)
3 BACKFIRE A
2 PROB BACKFIRE A
1 BLINDER
3 BEAR
1 FIDDLER
1 SMALL DELTA-WING
2 CARELESS

25X1D

25X1D RAMENSKOYE FTC AREA 2

25X1A 55-34-25N 038-08-05E

STATUS:OPERATIONAL

25X1D ASSOCIATED OBJECTS:
[REDACTED] -- SUKHOY AREA (IN CLOUD-FREE PORTIONS)
8 SMALL DELTA/SWEPT-WING

25X1D [REDACTED] -- ADJACENT TO SUKHOY AREA (IN CLOUD-FREE PORTIONS)
3 BEAGLE
3 CAMEL/COOKER
1 CRATE

25X1D [REDACTED] -- MIKOYAN AREA (IN CLOUD-FREE PORTIONS)
1 FOXBAT
4 SMALL DELTA/SWEPT-WING

25X1D [REDACTED] -- YAKOLEV AREA (IN CLOUD-FREE PORTIONS)
2 SMALL DELTA/SWEPT-WING
2 SMALL SWEPT-WING
5 CODLING

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SOVIET UNION
INDUSTRY

25X1D

25X1D

RAMENSKOYE FTC AREA 3

25X1A

25X1D

25X1D

55-34- N 038-07- E

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:

-- EAST PARKING AREA (IN CLOUD-FREE PORTIONS)

1 PROB MODIFIED CHARGER

1 SMALL DELTA-WING

8 BADGER

1 COOKPOT

6 FOXBAT

25X1D

-- CROSSOVER PARKING AREA (IN CLOUD-FREE PORTIONS)

33 SMALL DELTA/SWEPT-WING

2 CAMEL/COOKER

(AT LEAST)

2 COOT

25X1D

25X1D

25X1D

RAMENSKOYE FTC AREA 4

25X1A 55-34- N 038-07- E

25X1D

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:

-- ILYUSHIN AREA (IN CLOUD-FREE PORTIONS)

3 PROB BEAGLE

4 CLASSIC

4 SMALL DELTA/SWEPT-WING

2 CAMEL/COOKER

1 PROB CANDID (TAIL

7 COOT

PROTRUDING F/HANGAR)

25X1D

25X1D

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

25X1D

NAVAL ORDER OF BATTLE:

1 Y SSBN
1 ZEYA YRSN
1 BUSSARD AKL
2 CARGO SUPPORT BARGES
1 RECTANGULAR SPT BARGE
4 YAGT

25X1D

SEVERODVINSK SHIPYARD YAGRY ISLAND

25X1D 25X1D
25X1A 64-35-1 N 039-48-1 E

25X1D

STATUS: OPERATIONAL

25X1D

REMARKS:

THREE LARGE SUBMARINES, PROBABLY THE 402M SSB, THE G-I SSB, AND THE E-II SSGN, WERE ON THE WET BASIN SHELF ON [REDACTED] THE 402K SSB REMAINED AT POSITION I OF THE MAIN QUAY. AN E-II SSGN AND AN N SSN WERE MOORED AT THE WEST QUAY. AN ADDITIONAL E-II SSGN WAS IN AN ARD (D) AT THE MAIN QUAY. BECAUSE OF THE LIMITED INTERPRETABILITY OF THE PHOTOGRAPHY, A DETAILED ANALYSIS OF THESE SUBMARINES COULD NOT BE MADE. CONSTRUCTION ON THE PROBABLE FABRICATION BUILDING WAS CONTINUING.

25X1D

NAVAL ORDER OF BATTLE:

1 PROB 402M SSB (ON BASIN SHELF)
1 402K SSB (AT MAIN QUAY)
1 PROB G-I SSB (ON BASIN SHELF)
2 E-II SSGN (1 IN ARD-D)
1 PROB E-II SSGN (ON BASIN SHELF)
1 N SSN
1 MP-8 LSM
1 IRYTSH ASL
6 RECTANGULAR SPT BARGES
1 MISCELLANEOUS CRAFT

25X1D

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SOVIET UNION
INDUSTRY

25X1D

SEVERODVINSK SHIPYARD 402

25X1A

25X1D

25X1D

64-34- [REDACTED] N 039-49- [REDACTED] E

STATUS: OPERATIONAL

25X1D

REMARKS:

ON [REDACTED] A LARGE SUBMARINE (PROBABLY AN E-II SSGN) WAS 25X1D
SEEN ON LAUNCH RAIL D. AN E-II WAS OBSERVED IN THE LAUNCH
BASIN FROM [REDACTED] THE 402N
SSBN AND P SSGN REMAINED AT POSITIONS III AND IV, AS IN [REDACTED]
[REDACTED]. THE Y SSGN WITH A LIGHT-TONE SONAR MOVED FROM
POSITION II OF THE MAIN QUAY TO POSITION I. POSITION II WAS
OCCUPIED BY THE Y-CLASS SSGN LAUNCHED FROM BUILDINGWAY B
BETWEEN [REDACTED]. AT LEAST 15 SUBMARINE
HULL SECTIONS WERE OBSERVED IN THE HULL SECTION STAGING AREA.
CONSTRUCTION CONTINUED ON THE NEW CONSTRUCTION HALL, ON THE
LARGE FABRICATION BUILDING, AND AT THE CONSTRUCTION SITE EAST
OF THE NO 2 CONSTRUCTION HALL.

25X1D

25X1D

25X1D

25X1D

NAVAL ORDER OF BATTLE:

1 402N SSGN (POSITION III)
2 Y SSGN (LIGHT TONE AT PSN
I, DARK AT PSN II)
1 P SSGN (POSITION IV)
1 PROB E-II SSGN (ON LAUNCH
RAIL D)
1 PM-124 YRSN
1 402C YRSN

1 112B YRSN
1 925-CLASS YRSN
1 402H CATAMARAN
3 CARGO SUPPORT BARGES
1 ARD (D)
1 ARD (T) NO 4
5 RECTANGULAR SPT BARGES
5 MISCELLANEOUS CRAFT

ASSOCIATED OBJECTS:

25X1D

15 PRESSURE HULL SECTIONS
(AT LEAST)

1 CAISSON GATE

25X1D

VLADIVOSTOK SHIPYARD ULIS

25X1A

25X1D

25X1D

43-05- [REDACTED] N 131-55- [REDACTED] E

25X1D

STATUS: OPERATIONAL

HANDLE VIA 25X1C
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SOVIET UNION
INDUSTRY

25X1D

MOSKVA AC ENG RSCH FACILITY TSIAM

25X1A 55-45-16N 037-42-3E

25X1D STATUS:OPERATIONAL

25X1D MOSKVA AIRFRAME PLANT FILI 23

25X1A 55-45-16N 037-29-3E

STATUS:OPERATIONAL

25X1D

MOSKVA GM PRODUCTION PLANT 41

25X1A 55-49-16N 037-30-3E

25X1D

STATUS:OPERATIONAL

25X1D

SEVERODVINSK NAVAL MISSILE SUPPORT FAC

25X1A 64-33-41N 039-46-3E

25X1D

STATUS:OPERATIONAL

25X1D

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HANDLE VIA 25X1C
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VIETNAM, NORTH
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

HA NOI/GIA LAM AIRFIELD

25X1D 21-02-50N 105-53-50E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

2 CRATE 1 COOT

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

BAI THUONG AIRFIELD

25X1D 19-54-50N 105-27-50E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HA NOI/BAC MAI AIRFIELD

25X1D 20-59-50N 105-50-50E

25X1D

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HOA LAC AIRFIELD

25X1D 21-01-50N 105-30-00E

25X1D

STATUS: OPERATIONAL

HANDLE VIA 25X1C
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TALANT-KEYHOLE
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TCS-21246/72 - IPIR 2
KH-4 MISSION 1116-2

VIETNAM, NORTH
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:
[REDACTED]

25X1D

NONE DISCERNIBLE
[REDACTED]

KEP AIRFIELD

25X1D

[REDACTED]
STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

[REDACTED]
NONE DISCERNIBLE
[REDACTED]

25X1D

PHUC YEN AIRFIELD

25X1D

[REDACTED]
STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

[REDACTED]
NONE DISCERNIBLE
[REDACTED]

25X1D

25X1D 25X1D
25X1A 21-23-15N 106-15-15E

25X1A 21-13-15N 105-48-15E

25X1C
HANDLE VIA
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VIETNAM, NORTH
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

XOM AP LO AMMO STOR AND PW CAMP N-51

25X1A

25X1D

25X1D

21-09- N 105-20- E

STATUS:UNKNOWN

25X1D

HANDLE VIA 25X1C
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VIETNAM, NORTH
LOGISTICS

SIGNIFICANT RESULTS

25X1D

BA VI POSS PW CAMP N-13

25X1D 25X1D
25X1A 21-06- N 105-25- E

STATUS:UNKNOWN

PHYSICAL DESCRIPTION:

4.5 NM WSW OF SON TAY.

THE FACILITY CONSISTS OF THREE AREAS. AREA A, A POSSIBLE POW COMPOUND, IS NORTH OF ROUTE 213 AND CONTAINS FOUR POSSIBLE DETENTION BUILDINGS, ONE POSSIBLE ADMINISTRATION BUILDING, SIX POSSIBLE QUARTERS BUILDINGS AND SIX SUPPORT BUILDINGS. AREA B CONTAINS TWO POSSIBLE MESSHALLS AND TWO SUPPORT BUILDINGS. AREA C CONTAINS ONE PROBABLE ADMINISTRATION BUILDING, FOUR QUARTERS BUILDINGS, AND APPROXIMATELY 13 SUPPORT BUILDINGS.

25X1D

BAN PUDI POSS PW DETN INSTAL N-52

25X1D 25X1D
25X1A 21-14- N 104-39- E

25X1D

STATUS:UNKNOWN

PHYSICAL DESCRIPTION:

1.5 NM SW OF BAN PUOI.

THE TARGET CONSISTS OF A WALLED COMPOUND, APPROXIMATELY 122 BY 137 METERS (400 BY 450 FEET) WITH A SINGLE ENTRANCE. THE COMPOUND IS DIVIDED INTO AT LEAST TWO SECTIONS BY INTERNAL WALLS AND CONTAINS EIGHT POSSIBLE BARRACKS BUILDINGS, A GUARD TOWER, AND SEVERAL OTHER POSSIBLE BUILDINGS. INTERPRETABILITY, OBLIQUITY, AND HAZE PRECLUDED A MORE DETAILED READOUT.

25X1D

XOM TANG POSS PW DETN INSTAL N-65

25X1D 25X1D
25X1A 20-46- N 105-20- E

25X1D

STATUS:UNKNOWN

25X1D

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VIETNAM, NORTH
LOGISTICS

25X1D OTHER RESULTS-NO APPARENT CHANGE

CAM CHU PW CAMP N-85

25X1A 20-15-00N 105-22-00E

STATUS:UNKNOWN

25X1D

DANHOI ARMY BKS/TNG/RADCOM A PWCAMPN84

25X1A 21-04-00N 105-43-00E

25X1D

STATUS:OCCUPIED

25X1D

HANOI PW CAMP MND N 67

25X1A 21-02-00N 105-51-00E

25X1D

STATUS:UNKNOWN

25X1D

HANOI PW DETN INSTL CITADEL N-62

25X1A 21-02-00N 105-51-00E

25X1D

STATUS:OCCUPIED

25X1D

HANOI PW DETN INSTL N-53 CU LOC

25X1A 21-00-00N 105-49-00E

25X1D

STATUS:OCCUPIED

25X1D

HANDLE VIA 25X1C
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CONTROL SYSTEM ONLY

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VIETNAM, NORTH
LOGISTICS

25X1D

SON TAY PW CAMP N 69

25X1A 21-08-72 N 105-30-15 E

25X1D STATUS:UNKNOWN

25X1D THANH HOA BARRACKS AND PPS SOUTH

25X1A 19-46-72 N 105-46-15 E

STATUS:OCCUPIED

25X1D

25X1D THANH HOA POSS PW DETN INSTAL N-46

25X1A 19-48-72 N 105-45-15 E

STATUS:OCCUPIED

25X1D

HANDLE VIA 25X1C
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CONTROL SYSTEM ONLY

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VIETNAM, NORTH
MISCELLANEOUS

25X1D

SIGNIFICANT RESULTS

CAM DAI BKS A POSS PN CAMP N-36
[REDACTED]

25X1A 25X1D 25X1D
21-09- [REDACTED] N 105-22- [REDACTED] E
[REDACTED]

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

0.75 NM NE OF CAM DAI BETWEEN THE SONG HOC GIANG AND THE SONG HONG HA (RIVERS).

THE CAMP CONSISTS OF A WALLED COMPOUND WITH A SUPPORT AREA.

THE WALLED COMPOUND IS PARTIALLY SURROUNDED BY A MASONRY WALL WITH SECTIONS OF THE NORTH AND EAST WALLS APPARENTLY DESTROYED.

A GUARDHOUSE IS ON THE NE WALL AND A GUARD TOWER IS ON THE SW CORNER. THE COMPOUND CONTAINS 13 PROBABLE BARRACKS BUILDINGS, TEN QUARTERS/SUPPORT BUILDINGS, AND THREE PROBABLE WORKSHOPS. GROUND SCARS INDICATE THE POSITIONS WHERE FIVE BUILDINGS WERE REMOVED. THE AREA INSIDE THE COMPOUND IS LIGHTLY CULTIVATED.

THE SUPPORT AREA CONTAINS A LARGE ADMINISTRATION BUILDING, 23 PROBABLE BARRACKS/QUARTERS, AND 20 SUPPORT BUILDINGS. THE AREA IS HEAVILY CULTIVATED AND SURROUNDED BY TRENCHWORK INTERSPERSED WITH AUTOMATIC WEAPONS POSITIONS.

25X1D
[REDACTED]

WWIPIR CODES

<u>Status (STA:)</u>	<u>OB</u>	<u>Interpretability</u>
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	
OPR - Operat'l	AAA: Antiair	<u>Conditions</u>
OCC - Occupied	OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied		SC - Scattered Cloud
ABN - Abandoned	<u>Mode</u>	HC - Heavy Cloud
RMV - Removed	W - Stereo/Blk & White	HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk & White	SH - Shadow
DST - Destroyed	S - Stereo/Color	OL - Obliquity
	A - Part Stereo/ Color	SD - Semi- darkness
<u>General</u>	C - Mono Color	HD - Heavy Dust/ Smoke
IMR: Image Ref (Photo Ref)	D - Camouflage Detection	<u>Coverage</u>
DES: Description	F - Infrared	C - Complete
RMK: Remarks	R - Radar	P - Partial
IDC: Image Derived Coord.	N - Nonstandard	O - Oblique
MPR: Map Ref		V - Vertical
DFC: Defenses/ Security		

25X1C TOP SECRET
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25X1C TOP SECRET
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